MUSIC SYNTHESIZER/REALTIME CONTROL/EXTENDED SYNTHESIS

EX5

TONE GENERATOR/REALTIME CONTROL/EXTENDED SYNTHESIS

EX5R

DATA LIST
DATEN-LISTE
LISTE DE DONNÉES

EX5/5R Voice List
Liste der EX5/5R Voices
Liste des voix EX5/5R 2

Drum Voice List
Liste mit Schlazeug-Voices
Liste des voix de batterie...24

Sample List
Liste mit Samples
Liste des échantillons 26

Wave List
Liste der Wellenformen
Liste des ondes...29

EX5/5R Performance List
Liste der EX5/5R Performances
Liste des performances EX5/5R 30

Controller List (Dest. Param: Destination Parameters)
Liste mit Controllern (Dest Param: Zielparameter)
Liste des contrôleurs (Paramètres de destination) 31

FDSP Parameter List
FDSP Parameter-Liste
Liste des Paramètres FDSP..32

Effect Type List
Liste mit Effekt-Typen
Liste des type d'effets..34

Effect Parameter List
Liste mit Effekt-Parametern
Liste des Paramètres d'effets 36

Groove Template List
Groove Template-Liste
Liste des modèles d'expressions rythmiques 41

Arpeggio List
Liste mit den Arpeggio-Typen
Liste des types arpèges...41

Controll Change List
Liste mit Controll Change-Daten
Liste des changements de commande 41

About MIDI 42

MIDI Data Format 42

MIDI Data Table 45

MIDI Implementation Chart..54

YAMAHA

■EX5/5R Voice List ■Liste der EX5/5R Voices ■Liste des voix EX5/5R

Preset 1 (1-64)

MSB=63
LSB=0

					Effect				Controller						
No.	Bnk	Voice Name	Cat	Type	Ins-S Type	Ins-L Type	Reverb Type	Chorus Type	PB	MW	AT	MW2	FC	BC	Rbn
1	A1	Natural Grnd	Pf	AWM	024:3Band EQ	058:3Band EQ	002:Rev Hall 2	001:Chorus 1	off	COM Cho Send	off	AWM FEG Depth	off	off	AWM Pitch
2	A2	Stereo Piano	Pf	AWM	000:THRU	000:THRU	001:Rev Hall 1	004:Chorus 4	off	COM Cho Send	off	AWM DCF Freq	off	off	AWM DCF Freq
3	A3	Brite Rock	Pf	AWM	017:Exciter	058:3Band EQ	006:Rev Stage 1	001:Chorus 1	off	AWM LFO1 AMD	off	COM Cho Send	off	off	AWM Pitch
4	A4	Rocking Bose	Pf	AWM	023:EQ	058:3Band EQ	001:Rev Hall 1	003:Chorus 3	off	AWM Pitch	off	InsL EQ H-Gain	off	off	AWM Pitch
5	A5	Dark Grand	Pf	AWM	024:3Band EQ	058:3Band EQ	001:Rev Hall 1	009:Celeste 4	off	AWM LFO1 PMD	off	AWM FEG Depth	off	off	AWM Pitch
6	A6	For Ballads	Pf	AWM	003:Chorus 3	058:3Band EQ	001:Rev Hall 1	002:Chorus 2	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM Pitch
7	A7	Jazz Grand	Pf	AWM	000:THRU	058:3Band EQ	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
8	A8	CP80	Pf	AWM	000:THRU	058:3Band EQ	007:Rev Stage 2	015:Ensemble Detune	off	AWM LFO1 AMD,AWM LFO1Speed	off	AWM PAN	off	off	AWM Pitch
9	A9	CP80 2	Pf	AWM	024:3Band EQ	021:Auto Pan	007:Rev Stage 2	001:Chorus 1	off	COM Cho Send	off	InsL L/R Depth	off	off	AWM Pitch
10	A10	Georgia	Pf	AWM	023:EQ	055:Ensemble Detune	001:Rev Hall 1	004:Chorus 4	off	COM Cho Send,InsL D/W Bal	off	AWM DCF Freq	off	off	AWM Pitch
11	A11	VintgCondns	Pf	FDSP	024:3Band EQ	021:Auto Pan	001:Rev Hall 1	004:Chorus 4	off	InsL LFO Freq	off	InsL L/R Depth	off	off	AWM Pitch
12	A12	Tine EP	Pf	AWM	013:Auto Pan	058:3Band EQ	002:Rev Hall 2	002:Chorus 2	off	InsS L/R Depth	off	COM Cho Send	off	off	AWM Pitch
13	A13	Jazz Chorus	Pf	FDSP	016:AMP Simulator	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	InsL LFO Freq	off	InsS D/W Bal,COM Cho Send, InsL L/R Depth	off	off	AWM Pitch
14	A14	Soulful	Pf	FDSP	024:3Band EQ	021:Auto Pan	001:Rev Hall 1	004:Chorus 4	off	InsL LFO Freq	off	InsL L/R Depth	off	off	AWM Pitch
15	A15	Valise	Pf	AWM	024:3Band EQ	021:Auto Pan	006:Rev Stage 1	015:Ensemble Detune	off	InsL L/R Depth	off	InsL LFO Freq	off	off	AWM DCF Freq
16	A16	Early Fusion	Pf	FDSP	021:Touch WAH	058:3Band EQ	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD	off	InsS Sensitive	off	off	AWM Pitch
17	B1	Chorus Bell	Pf	FDSP	023:EQ	055:Ensemble Detune	001:Rev Hall 1	004:Chorus 4	off	InsL D/W Bal	off	AWM DCF Freq	off	off	AWM Pitch
18	B2	Made in USA	Pf	AWM	001:Chorus 1	055:Ensemble Detune	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
19	B3	Rich EP	Pf	FDSP	013:Auto Pan	058:3Band EQ	003:Rev Room 1	002:Chorus 2	off	InsS L/R Depth	off	COM Cho Send	off	off	AWM Pitch
20	B4	Rhodesia	Pf	AWM	013:Auto Pan	000:THRU	007:Rev Stage 2	001:Chorus 1	off	InsS L/R Depth	off	AWM DCF Freq	off	off	AWM Pitch
21	B5	Ring Mod EP	Pf	FDSP	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 AMD	off	FDSP Main Freq.	off	off	FDSP Main Mod.
22	B6	Tornado EP	Pf	FDSP	023:EQ	000:THRU	001:Rev Hall 1	004:Chorus 4	off	FDSP Drive	off	FDSP Ceiling	off	off	FDSP Drive
23	B7	Wurli 1	Pf	FDSP	016:AMP Simulator	020:Tremolo	008:Rev Plate	001:Chorus 1	off	InsL LFO Freq	off	InsL AM Depth	off	off	AWM Pitch
24	B8	Wurli 2	Pf	AWM	018:Compressor	020:Tremolo	007:Rev Stage 2	001:Chorus 1	off	InsL AM Depth	off	InsL EQ M-Gain	off	off	AWM DCF Freq
25	B9	Dist Wurli	Pf	AWM	015:Overdrive	020:Tremolo	007:Rev Stage 2	001:Chorus 1	off	InsL AM Depth,InsL LFO Freq	off	InsS EQ M-Freq	off	off	InsS Drive
26	B10	Glass EP	Pf	AWM	000:THRU	000:THRU	001:Rev Hall 1	002:Chorus 2	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM Pitch
27	B11	Glastick	Pf	AWM	000:THRU	000:THRU	001:Rev Hall 1	002:Chorus 2	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM Pitch
28	B12	Stone EP	Pf	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM Pitch
29	B13	Ring Road	Pf	FDSP	000:THRU	000:THRU	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM DCF Freq
30	B14	Glass Tine	Pf	AWM	017:Exciter	055:Ensemble Detune	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM AEG AtTim
31	B15	Early Tines	Pf	FDSP	013:Auto Pan	058:3Band EQ	001:Rev Hall 1	006:Celeste 1	off	COM Cho Send	off	InsS L/R Depth	off	off	AWM DCF Freq
32	B16	Vic's Roads	Pf	FDSP	012:Tremolo	058:3Band EQ	001:Rev Hall 1	007:Celeste 2	off	InsS AM Depth,COM Cho Send, InsS PM Depth	off	InsS LFO Freq,InsS PM Depth	off	off	AWM DCF Freq
33	C1	Wonder Why	Pf	FDSP	016:AMP Simulator	058:3Band EQ	005:Rev Room 3	014:Phaser	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
34	C2	Wah Clav	Pf	AWM	021:Touch WAH	058:3Band EQ	006:Rev Stage 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM Pitch
35	C3	Stereo Clav	Pf	AWM	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM Pitch
36	C4	Electro Clav	Pf	FDSP	024:3Band EQ	061:DPCM	007:Rev Stage 2	001:Chorus 1	off	AWM LFO1 PMD	off	FDSPLFOSpeed,FDSPLFODepth, FDSP Pitch	off	off	AWM Pitch
37	C5	JazzyBallad	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	001:Rev Hall 1	003:Chorus 3	off	InsL Rotor,AWM Volume, InsS LPF Cutoff	off	InsL L/H Bal	off	off	InsL Rotor,AWM Volume, InsS LPF Cutoff
38	C6	Fullx4	Or	AWM	001:Chorus 1	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	InsL LFO Freq,InsS LFO Freq	off	AWM DCF Freq	off	off	InsL LFO Freq
39	C7	Augmented	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	001:Rev Hall 1	003:Chorus 3	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff	off	InsL L/H Bal	off	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff
40	C8	70's Organ1	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	001:Rev Hall 1	004:Chorus 4	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff	off	InsL L/H Bal	off	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff
41	C9	Thank You	Or	AWM	016:AMP Simulator	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	InsL LFO Freq	off	InsS Drive	off	off	InsL LFO Freq
42	C10	Flutey	Or	AWM	001:Chorus 1	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	InsL LFO Freq,InsS LFO Freq	off	AWM Volume	off	off	InsL LFO Freq
43	C11	EXseption	Or	AWM	000:THRU	018:Rotary Speaker 1	001:Rev Hall 1	004:Chorus 4	off	InsL LFO Freq	off	AWM Volume	off	off	AWM DCF Freq
44	C12	Jazz Organ	Or	AWM	001:Chorus 1	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	InsL LFO Freq,InsS LFO Freq	off	AWM Volume	off	off	InsL LFO Freq
45	C13	Left Manual	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	001:Rev Hall 1	003:Chorus 3	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff	off	InsL L/H Bal	off	off	AWM Pitch
46	C14	Gospler	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	001:Rev Hall 1	004:Chorus 4	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff,AWM Volume	off	InsL L/H Bal	off	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff,AWM Volume
47	C15	Fast Organ	Or	AWM	000:THRU	018:Rotary Speaker 1	001:Rev Hall 1	004:Chorus 4	off	InsL LFO Freq	off	AWM Volume	off	off	AWM DCF Freq
48	C16	English	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	001:Rev Hall 1	003:Chorus 3	off	InsL Rotor,InsS Drive, InsS LPF Cutoff	off	InsL L/H Bal	off	off	InsL Rotor,InsS Drive, InsS LPF Cutoff
49	D1	Jazz Perc	Or	AWM	001:Chorus 1	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	InsL LFO Freq,InsS LFO Freq	off	AWM Volume	off	off	InsL LFO Freq
50	D2	Swing Bar	Or	AWM	000:THRU	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
51	D3	Glass Swish	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	002:Rev Hall 2	004:Chorus 4	off	InsL Rotor,InsL EQ H-Gain,InsS LPF Cutoff, AWM Volume	off	InsL L/H Bal	off	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff,AWM Volume
52	D4	Cathedral	Or	AWM	000:THRU	043:Exciter	002:Rev Hall 2	004:Chorus 4	off	COM Cho Send	off	InsL HPF Cutoff	off	off	AWM DCF Freq
53	D5	Tube Crunch	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	001:Rev Hall 1	003:Chorus 3	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff	off	InsL L/H Bal	off	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff
54	D6	Rock	Or	AWM	001:Chorus 1	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	InsL LFO Freq,InsS LFO Freq	off	AWM Volume	off	off	InsL LFO Freq
55	D7	Hard Rock	Or	AWM	015:Overdrive	018:Rotary Speaker 1	001:Rev Hall 1	004:Chorus 4	off	InsL LFO Freq	off	InsS D/W Bal	off	off	AWM DCF Freq
56	D8	70's Organ2	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	003:Rev Room 1	004:Chorus 4	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff	off	InsL L/H Bal	off	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff
57	D9	Smoky Organ	Or	FDSP	000:THRU	018:Rotary Speaker 1	007:Rev Stage 2	017:Ctrl. Delay	off	InsL LFO Freq	off	FDSP Main Mod.	off	off	FDSP Sub Freq.
58	D10	Fuzzier	Or	AWM	016:AMP Simulator	023:Phaser 1	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	InsL LFO Freq	off	off	AWM LFO2Depth
59	D11	Combos	Or	AWM	000:THRU	039:Overdrive	004:Rev Room 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM LFO1 PMD
60	D12	Transistor	Or	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
61	D13	Vibe	Cp	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM Pitch
62	D14	Tubular Bell	Cp	FDSP	024:3Band EQ	025:Early Ref 1	003:Rev Room 1	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Main Freq.	off	off	AWM Pitch
63	D15	Stone Harp	Cp	FDSP	000:THRU	000:THRU	001:Rev Hall 1	013:Symphonic	off	AWM LFO1 AMD	off	FDSP Pitch	off	off	AWM Pitch
64	D16	WoodSequence	Cp	AWM	024:3Band EQ	017:Cross Delay	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch

- The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.
- Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.
- A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
InsS EQ L-Gain,InsL EQ L-Gain	InsS EQ H-Gain,InsL EQ H-Gain	InsS EQ M-Gain,InsL EQ M-Gain	AWM AEG AtTim	AWM AEG R2Tim	AWM FEG Depth	off
AWM DCF Freq	AWM DCF Reso	AWM AEG D2Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ M-Gain	InsS Drive,InsS Mix Level	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM FEG Depth,AWM DCF Freq	AWM DCF Reso	AWM FEG D3Tim,AWM FEG D2Tim	AWM FEG R1Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AWM Volume	InsL EQ L-Gain,InsS EQ L-Gain	InsL EQ H-Gain,InsS EQ H-Gain	AWM AEG AtTim	InsS D/W Bal	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsS EQ H-Gain	InsL LFO Freq	COM Cho Send,InsL L/R Depth	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	COM Rev Send	InsL D/W Bal,COM Cho Send	off
FDSP Drive	AWM Volume	InsL L/R Depth	InsL LFO Freq	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	InsS LFO Freq	COM Cho Send,InsS L/R Depth, COM Volume	off
FDSP Drive	FDSP Position	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	InsS D/W Bal,COM Cho Send, InsL L/R Depth	off
InsS EQ L-Gain	InsS EQ H-Gain	InsL L/R Depth	InsL LFO Freq	COM Rev Send	AWM Volume	off
InsS EQ L-Gain	InsS EQ M-Gain	InsL EQ H-Gain	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
FDSP Cutoff	InsS Resonanse	InsS D/W Bal	InsS Sensitive	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	FDSP Drive	FDSP Position	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	InsS LFO Freq	COM Cho Send,InsS L/R Depth	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	FDSP Sub Mod.	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
FDSP Drive	FDSP Ceiling	AWM LFO1 AMD	AWM LFO1 PMD	COM Rev Send	COM Cho Send	off
FDSP Drive	FDSP Position	InsL AM Depth	InsL LFO Freq	COM Rev Send	COM Cho Send	off
AWM DCF Freq	InsL LFO Freq	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ M-Freq	InsS Drive	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM LFO1 PMD	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
FDSP Pitch	FDSP Sub Freq.	AWM AEG D3Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
InsS HPF Cutoff	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	InsL D/W Bal	COM Rev Send	InsS Drive	off
AWM DCF Freq	FDSP Pitch	InsS EQ L-Gain	InsS EQ H-Gain	InsS LFO Freq	COM Cho Send,InsS L/R Depth, COM Volume	off
InsL EQ L-Gain	InsL EQ M-Gain,FDSP Cutoff, FDSP Drive	InsL EQ H-Gain,AWM DCF Freq	FDSP Position	COM Rev Send	COM Cho Send	off
FDSP Cutoff	FDSP Picking Pos.	FDSP Flet Pos.	AWM FEG R1Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	InsS Resonanse,AWM Volume	InsS Sensitive	InsS Cutoff Freq	AWM AEG D1Tim,AWM AEG D2Tim	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso,AWM Volume	InsS EQ L-Gain	InsS EQ H-Gain	AWM AEG D1Tim,AWM AEG D2Tim	InsL D/W Bal	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain,InsS EQ H-Gain	InsL Samp.Freq	FDSP Pitch	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	InsL L/H Bal	COM Rev Send	InsL Rotor,AWM Volume, InsS LPF Cutoff	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	InsL LFO Depth,InsL EQ H-Gain, AWM Volume	COM Rev Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff	off
AWM Volume	AWM Volume	AWM Volume	COM Cho Send	COM Rev Send	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff	off
AWM Volume	AWM Volume	AWM Volume	InsL LFO Depth	COM Rev Send	AWM AEG AtTim	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	InsS EQ H-Gain,InsL EQ H-Gain	COM Rev Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	InsL D/W Bal	off
AWM Volume	AWM DCF Freq	InsS EQ L-Gain	InsS EQ H-Gain	InsL LFO Depth,AWM Volume	COM Rev Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff	off
AWM Volume	AWM Volume	AWM Volume	COM Cho Send	COM Rev Send	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff,AWM Volume	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	InsL D/W Bal	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	InsL Rotor,InsS Drive, InsS LPF Cutoff	off
AWM Volume	AWM DCF Freq	InsS EQ L-Gain	InsS EQ H-Gain	InsL LFO Depth,AWM Volume, InsL EQ H-Gain	COM Rev Send	off
InsL EQ H-Gain	InsL LFO Freq	AWM AEG AtTim	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	InsL L/H Bal	COM Rev Send	COM Cho Send,AWM Volume	off
AWM DCF Freq	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	off	off
AWM Volume	AWM DCF Freq,COM Volume	InsS EQ L-Gain	InsS EQ H-Gain	InsL LFO Depth,AWM Volume	COM Rev Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	InsL D/W Bal	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff,Assign Off	off
AWM DCF Freq	FDSP Main Freq.	InsL EQ H-Gain	AWM AEG AtTim,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
InsS D/W Bal	InsS Drive	InsL D/W Bal	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	off
AWM DCF Freq	AWM Volume	AWM Volume	AWM LFO1 PMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM PAN	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	FDSP Main Freq.	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	FDSP Pitch EG Dpt	FDSP Sub Freq.	AWM LFO1 PMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off

Preset 1 (65-128)

MSB=63
LSB=0

					Effect				Controller						
No.	Bnk	Voice Name	Cat	Type	Ins-S Type	Ins-L Type	Reverb Type	Chorus Type	PB	MW	AT	MW2	FC	BC	Rbn
65	E1	Sect	Br	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
66	E2	Hi Sect	Br	AWM	000:THRU	000:THRU	003:Rev Room 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Volume
67	E3	FunkySect	Br	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
68	E4	MyBigSectn	Br	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
69	E5	Pop Brass	Br	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
70	E6	Section	Br	AWM	024:3Band EQ	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Rev Send	off	off	AWM Pitch
71	E7	Sforzando	Br	AWM	000:THRU	058:3Band EQ	009:Rev White Room	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
72	E8	ClassicBrass	Br	AWM	024:3Band EQ	058:3Band EQ	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	COM Cho Send,COM Rev Send	off	off	AWM Pitch
73	E9	ClassicBras2	Br	AWM	024:3Band EQ	058:3Band EQ	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	COM Rev Send	off	off	AWM Pitch
74	E10	VeloTrbSect	Br	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq,	off	off	AWM DCF Freq,
75	E11	Smooth Brass	Br	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
76	E12	Solo Trumpet	Br	AWM	023:EQ	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD, AWM Volume	AWM LFO1 PMD	AWM LFO1 PMD	off	off	AWM DCF Freq
77	E13	Trumpet	Br	VL	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	VL Pressure, VL Amplitude	VL Flt Freq	off	off	VL Embouchure
78	E14	SoloTrpSwtch	Br	AWM	023:EQ	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD, AWM Volume	AWM LFO1 PMD	AWM LFO1 PMD	off	off	AWM DCF Freq
79	E15	SoftTrombone	Br	AWM	023:EQ	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD, AWM Volume	AWM LFO1 PMD	AWM LFO1 PMD	off	off	AWM DCF Freq
80	E16	Jazz Trump	Br	VL	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	VL Pressure	VL Flt Freq	off	off	VL Embouchure, VL Pitch
81	F1	Big Brass	Br	AWM	000:THRU	000:THRU	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
82	F2	Mutation	Br	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	AWM LFO1 PMD	AWM LFO1 PMD	off	off	AWM Pitch
83	F3	Mute Trumpet	Br	VL	000:THRU	000:THRU	003:Rev Room 1	001:Chorus 1	off	VL PMD	VL Amplitude	VL Embouchure	off	off	VL Embouchure, VL Pitch
84	F4	SoloTrombone	Br	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD, AWM Volume	AWM LFO1 PMD	AWM LFO1 PMD	off	off	AWM DCF Freq
85	F5	Trombone	Br	VL	024:3Band EQ	000:THRU	001:Rev Hall 1	001:Chorus 1	off	VL PMD	VL Pressure, VL Amplitude	VL Embouchure	off	off	VL Pitch
86	F6	SoftFlgLead	Br	AWM	023:EQ	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD, AWM Volume	AWM LFO1 PMD	AWM LFO1 PMD	off	off	AWM DCF Freq
87	F7	Obersync	Br	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
88	F8	AnaBrass	Br	AWM	000:THRU	058:3Band EQ	006:Rev Stage 1	001:Chorus 1	off	AWM LFO2Depth	AWM LFO1 PMD	COM Cho Send	off	off	AWM Pitch
89	F9	Stabrass	Br	AWM	017:Exciter	055:Ensemble Detune	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	InsS Mix Level	off	off	AWM Pitch
90	F10	Riff Brass	Br	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM DCF Freq	off	off	COM Rev Send
91	F11	SynthClassic	Br	AWM	006:Celeste 2	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq
92	F12	Matrix	Br	AWM	024:3Band EQ	004:Chorus 4	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
93	F13	OberBrass	Br	AWM	000:THRU	000:THRU	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
94	F14	Oberhorns	Br	AWM	000:THRU	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
95	F15	Jupiter	Br	AWM	000:THRU	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM Pitch	off	off	AWM Pitch
96	F16	HotSynBrass	Br	AWM	000:THRU	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM Volume,AWM DCF Freq, AWM DCF Reso	off	off	AWM Pitch
97	G1	Swell String	St	AWM	000:THRU	058:3Band EQ	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM Pitch
98	G2	MellowStrngs	St	AWM	000:THRU	058:3Band EQ	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM DCF Freq, AWM Pitch
99	G3	EnsembleMix	St	AWM	000:THRU	000:THRU	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
100	G4	Brite String	St	AWM	024:3Band EQ	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM Pitch
101	G5	Kemuri	St	AWM	024:3Band EQ	041:Compressor	007:Rev Stage 2	004:Chorus 4	off	AWM LFO1 AMD,AWM LFO1Speed	off	AWM Volume	off	off	AWM Pitch
102	G6	StereoString	St	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM Pitch
103	G7	Big Strings+	St	AWM	000:THRU	055:Ensemble Detune	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM DCF Freq
104	G8	Agitato	St	AWM	024:3Band EQ	058:3Band EQ	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
105	G9	Veloci Ens	St	AWM	024:3Band EQ	058:3Band EQ	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM Pitch
106	G10	Tremolo	St	AWM	024:3Band EQ	058:3Band EQ	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO2Depth, AWM LFO1 AMD	off	AWM LFO1Speed,AWM LFO2Speed	off	off	AWM Pitch
107	G11	AnaOrch	St	AWM	000:THRU	004:Chorus 4	002:Rev Hall 2	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
108	G12	Analog Str	St	AWM	000:THRU	000:THRU	001:Rev Hall 1	009:Celeste 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
109	G13	Soft String	Pd	AWM	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
110	G14	Peace	Pd	FDSP	024:3Band EQ	022:Ambience	001:Rev Hall 1	015:Ensemble Detune	off	FDSP PWM	AWM LFO1 PMD	AWM DCF Freq,AWM AEG AtTim, AWM AEG R2Tim,AWM FEG R1Tim	off	off	AWM Pitch
111	G15	AN Layer	Pd	AN Poly	000:THRU	011:Flanger 2	001:Rev Hall 1	013:Symphonic	off	AN VCO1 PMD	off	AN VCF Freq	off	off	AN Pitch
112	G16	Abendstern	Pd	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
113	H1	Pulse String	Pd	FDSP	024:3Band EQ	004:Chorus 4	002:Rev Hall 2	016:Delay L,R	off	FDSP LFO Speed,AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
114	H2	Apollo	Pd	AWM	022:Phaser	021:Auto Pan	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM Pitch
115	H3	Bottled Out	Pd	AWM	000:THRU	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	AWM LFO2Depth	off	AWM Volume	off	off	InsL LFO Freq, InsL LFO Depth
116	H4	Clear Bell	Pd	AWM	000:THRU	001:Chorus 1	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM Pitch
117	H5	Dreamsphere	Pd	AWM	004:Chorus 4	017:Cross Delay	002:Rev Hall 2	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
118	H6	Tine PWM	Pd	FDSP	012:Tremolo	055:Ensemble Detune	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	InsS AM Depth,InsS PM Depth	off	off	InsS LFO Freq
119	H7	Fifth Rise	Pd	AWM	013:Auto Pan	053:Pitch Change 1	001:Rev Hall 1	013:Symphonic	off	AWM LFO1 FMD	off	AWM Volume	off	off	InsL D/W Bal
120	H8	Freeze Pad	Pd	AWM	000:THRU	010:Flanger 1	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 AMD	off	InsL LFO Freq	off	off	AWM Pitch
121	H9	Glass Man	Pd	FDSP	005:Celeste 1	006:Celeste 1	009:Rev White Room	001:Chorus 1	off	InsS LFO Freq,InsL LFO Freq, InsS LFO Depth,InsL LFO Depth	AWM LFO1 PMD	AWM DCF Freq	off	off	AWM Pitch
122	H10	Glass Choir	Pd	AWM	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
123	H11	Hollow Pad	Pd	FDSP	024:3Band EQ	022:Ambience	001:Rev Hall 1	013:Symphonic	off	AWM LFO1 PMD	off	FDSP Pitch	off	off	AWM DCF Freq
124	H12	Luminosity	Pd	FDSP	000:THRU	014:Delay LCR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Feedback	off	off	AWM Pitch
125	H13	Mystery Pad	Pd	AWM	004:Chorus 4	050:Stage 1	002:Rev Hall 2	013:Symphonic	off	AWM LFO1 FMD,AWM LFO1 AMD, AWM LFO1Speed	off	AWM Volume	off	off	AWM PEG Depth
126	H14	Oberweich	Pd	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
127	H15	Orion	Pd	AWM	022:Phaser	021:Auto Pan	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM Pitch
128	H16	Pray	Pd	AWM	000:THRU	001:Chorus 1	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM Pitch

- The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.
- Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.
- A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
AWM DCF Freq	AWM PEG D1Tim	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM LFO1 AMD	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AWM AEG D2Tim	AWM AEG D3Tim	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AWM AEG D2Tim	AWM AEG D3Tim	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AWM Volume, AWM DCF Reso	InsS EQ L-Freq	InsL EQ M-Gain	InsL EQ H-Gain,InsS EQ H-Gain	AWM AEG AtTim	COM Cho Send	off
AWM FEG D1Tim,AWM AEG D2Tim	AWM FEG D2Tim,AWM AEG D3Tim	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AWM Volume, AWM DCF Reso	InsL EQ L-Gain,AWM Volume	InsL EQ M-Gain	InsL EQ H-Gain,InsS EQ H-Gain	AWM AEG R2Tim	COM Rev Send	off
AWM DCF Freq,AWM Volume, AWM DCF Reso	InsL EQ L-Gain,AWM Volume	InsL EQ M-Gain	InsL EQ H-Gain,InsS EQ H-Gain	AWM AEG R2Tim	COM Cho Send,COM Rev Send	off
AWM DCF Freq	Assign Off	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain	AWM Volume	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL EQ H-Gain	AWM Volume	AWM AEG D2Tim	COM Rev Send	COM Cho Send	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	VL EG At Tim, VL EG Rl Tim
InsL EQ L-Gain	InsL EQ H-Gain	AWM Volume	AWM AEG D2Tim	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL EQ H-Gain	AWM Volume	AWM AEG D2Tim	COM Rev Send	COM Cho Send	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	COM Cho Send
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain	AWM DCF Reso	COM Rev Send	COM Cho Send	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	COM Cho Send, VL Pitch
InsL EQ L-Gain	InsL EQ H-Gain	AWM Volume	AWM AEG D2Tim	COM Rev Send	COM Cho Send	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	VL Pitch, VL EG At Tim
InsL EQ L-Gain	InsL EQ H-Gain	AWM Volume	AWM AEG D2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM FEG Depth	AWM FEG D1Tim	AWM FEG D3Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM FEG D2Tim	AWM AEG R2Tim,AWM FEG R1Tim	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim,AWM AEG AtTim	AWM FEG R1Tim,AWM AEG R1Tim	COM Rev Send	COM Cho Send	off
AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim, AWM AEG D2Tim	COM Rev Send	InsL D/W Bal	off
AWM DCF Freq	AWM FEG Depth	AWM FEG D1Tim	AWM FEG D3Tim,AWM FEG D2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM FEG Depth	AWM FEG D1Tim	AWM FEG D3Tim,AWM FEG D2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send,InsL D/W Bal	AWM Pitch	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send,InsL D/W Bal	AWM Volume,AWM DCF Freq, AWM DCF Reso	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AWM Volume	AWM DCF Reso	InsS EQ L-Gain,InsL EQ L-Gain	InsS EQ H-Gain,InsL EQ H-Gain	AWM AEG AtTim	AWM AEG R2Tim	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	InsS EQ L-Gain,InsS EQ H-Gain, InsL Out Level	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	Assign Off	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM LFO1 PMD,AWM LFO2Depth, AWM LFO1 AMD	AWM LFO1Speed,AWM LFO2Speed	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso,AWM Volume	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	FDSP LFO Speed	COM Cho Send	off
AWM DCF Freq	AN Volume,AWM Volume	AWM AEG AtTim,AN AEG At Tim	AN AEG Rl Tim,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
FDSP Wet	AWM Volume	AWM Volume	FDSP Pitch	COM Rev Send,InsL D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	InsL LFO Freq	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	COM Port SW	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM LFO1 FMD	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	InsS LFO Depth,InsL LFO Depth, FDSP LFO Depth	off
AWM DCF Freq	AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM Volume	FDSP Pitch	FDSP LFO Depth,FDSP LFO Speed	AWM AEG AtTim,AWM AEG R2Tim	off
AWM DCF Freq	AWM Pitch	AWM AEG AtTim	AWM LFO1 FMD	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM FEG Depth	AWM FEG D1Tim	AWM FEG D3Tim,AWM FEG D2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	AWM Volume	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	AWM Volume	COM Cho Send	off

Preset 2 (1-64)

MSB=63
LSB=1

					Effect				Controller						
No.	Bnk	Voice Name	Cat	Type	Ins-S Type	Ins-L Type	Reverb Type	Chorus Type	PB	MW	AT	MW2	FC	BC	Rbn
1	A1	PW Pad	Pd	FDSP	024:3Band EQ	022:Ambience	001:Rev Hall 1	016:Delay L,R	off	FDSP LFO Speed	AWM LFO1 PMD	AWM DCF Freq	off	off	AWM DCF Freq
2	A2	Warmer	Pd	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
3	A3	Silverlake	Pd	FDSP	017:Exciter	017:Cross Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
4	A4	Soft Obi	Pd	AWM	004:Chorus 4	017:Cross Delay	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
5	A5	Space Zoo	Pd	VL	000:THRU	023:Phaser 1	001:Rev Hall 1	015:Ensemble Detune	off	VL Embouchure	off	VL Scream	off	off	AWM Pitch
6	A6	VFEX	Pd	FDSP	020:Auto WAH	023:Phaser 1	002:Rev Hall 2	009:Celeste 4	off	AWM LFO1 PMD	off	FDSP Feedback	off	off	AWM DCF Freq
7	A7	Velvet Choir	Pd	FDSP	000:THRU	000:THRU	001:Rev Hall 1	008:Celeste 3	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
8	A8	Futopia	Pd	FDSP	000:THRU	055:Ensemble Detune	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
9	A9	Oo Choir	En	AWM	024:3Band EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD, AWM LFO2Depth	off	AWM Volume	off	off	AWM DCF Freq
10	A10	BreathChoir	En	AWM	024:3Band EQ	064:Talking Modulator	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD, AWM LFO2Depth	off	AWM Volume	off	off	InsL Vowel
11	A11	Choir Attack	En	AWM	024:3Band EQ	043:Exciter	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM DCF Freq
12	A12	V-Choir	En	AWM	000:THRU	017:Cross Delay	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM DCF Freq
13	A13	Aah Choir	En	AWM	024:3Band EQ	064:Talking Modulator	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD, AWM LFO2Depth	off	AWM Volume	off	off	InsL Vowel
14	A14	Nightchoir	En	AWM	000:THRU	017:Cross Delay	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
15	A15	Straight	Sc	AWM	008:Celeste 4	017:Cross Delay	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM DCF Freq
16	A16	CallioTron	Sc	AWM	012:Tremolo	013:Symphonic	009:Rev White Room	009:Celeste 4	off	AWM LFO1 PMD, AWM LFO1Speed	AWM LFO1 PMD, AWM LFO1Speed	InsS LFO Freq	off	off	InsS EQ H-Gain
17	B1	Angelica	Sc	AWM	009:Flanger 1	055:Ensemble Detune	001:Rev Hall 1	013:Symphonic	off	AWM LFO1 PMD	off	AWM Pitch,AWM Volume	off	off	AWM DCF Freq
18	B2	Punch Boy	Sc	AWM	017:Exciter	055:Ensemble Detune	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	InsS Mix Level	off	off	AWM DCF Freq
19	B3	Sebastian	Sc	AWM	000:THRU	014:Delay LCR	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq
20	B4	Shinywire	Sc	AWM	024:3Band EQ	055:Ensemble Detune	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM Pitch
21	B5	DigiClav	Sc	AWM	001:Chorus 1	058:3Band EQ	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	COM Cho Send,InsS D/W Bal	off	off	AWM Pitch
22	B6	PW Comp	Sc	FDSP	000:THRU	058:3Band EQ	006:Rev Stage 1	015:Ensemble Detune	off	AWM LFO2Depth	AWM LFO1 PMD	COM Cho Send	off	off	AWM Pitch
23	B7	Gronk	Sc	FDSP	000:THRU	001:Chorus 1	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM Pitch
24	B8	Ring EP	Sc	FDSP	009:Flanger 1	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Sub Mod.	off	off	AWM Pitch
25	B9	Spitter	Sc	FDSP	024:3Band EQ	000:THRU	006:Rev Stage 1	001:Chorus 1	off	AWM LFO2Depth	AWM LFO1 PMD	FDSP Pitch	off	off	AWM Pitch
26	B10	Funk DX	Sc	FDSP	000:THRU	000:THRU	003:Rev Room 1	010:Flanger 1	off	AWM LFO1 PMD	off	FDSP Sub Freq.	off	off	AWM Pitch
27	B11	Combi Comp	Sc	AWM	004:Chorus 4	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM LFO1 FMD	off	off	AWM DCF Freq
28	B12	Pulse Clavi	Sc	AWM	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
29	B13	Pulse Comp	Sc	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
30	B14	Pulse OrgBrs	Sc	FDSP	000:THRU	000:THRU	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
31	B15	Pulse EP	Sc	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
32	B16	Fat Oct	Sc	AWM	000:THRU	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM Pitch	off	off	AWM Pitch
33	C1	Brite Steel	Gt	AWM	017:Exciter	058:3Band EQ	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
34	C2	Steel Guitar	Gt	FDSP	024:3Band EQ	043:Exciter	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
35	C3	Steel	Gt	AWM	017:Exciter	058:3Band EQ	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
36	C4	18 String	Gt	FDSP	023:EQ	043:Exciter	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
37	C5	18 Steel	Gt	FDSP	023:EQ	043:Exciter	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
38	C6	Clear Nylon	Gt	AWM	024:3Band EQ	048:Room 2	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM Pitch
39	C7	Flamenco	Gt	AWM	024:3Band EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
40	C8	SingleChrs	Gt	AWM	000:THRU	006:Celeste 1	001:Rev Hall 1	016:Delay L,R	off	InsL LFO Depth	off	InsL EQ H-Gain	off	off	AWM Pitch
41	C9	Harpsi Gtr	Gt	AWM	018:Compressor	058:3Band EQ	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	COM Cho Send,AWM Volume	off	off	AWM Pitch
42	C10	Strat 4-Way	Gt	AWM	024:3Band EQ	040:AMP Simulator	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
43	C11	Clean Lead	Gt	FDSP	000:THRU	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
44	C12	VintStrat	Gt	FDSP	016:AMP Simulator	020:Tremolo	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
45	C13	Snapper	Gt	FDSP	018:Compressor	016:Echo	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM Pitch
46	C14	Single Comp	Gt	AWM	003:Chorus 3	042:Comp Distortion	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD	off	InsS D/W Bal	off	off	AWM Pitch
47	C15	R&B Lead	Gt	AWM	018:Compressor	040:AMP Simulator	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
48	C16	Pedal Steel	Gt	FDSP	000:THRU	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	FDSP Flet Pos.
49	D1	Big Mute	Gt	FDSP	016:AMP Simulator	058:3Band EQ	009:Rev White Room	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
50	D2	EX Guitar	Gt	FDSP	023:EQ	022:Ambience	006:Rev Stage 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	FDSP Flet Pos.,FDSP Pickup Pos.	off	off	AWM Pitch
51	D3	Jazzy	Gt	FDSP	023:EQ	040:AMP Simulator	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
52	D4	Edgy Strat	Gt	AWM	018:Compressor	040:AMP Simulator	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD	off	InsL Drive	off	off	AWM Pitch
53	D5	Lo Distort 2	Gt	AWM	016:AMP Simulator	042:Comp Distortion	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
54	D6	Distort Mute	Gt	AWM	016:AMP Simulator	042:Comp Distortion	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	InsL Attack	off	off	AWM Pitch
55	D7	Kunimotone	Gt	AWM	016:AMP Simulator	042:Comp Distortion	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
56	D8	Grunger	Gt	FDSP	024:3Band EQ	040:AMP Simulator	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Cutoff	off	off	AWM AEG AtTim
57	D9	L.A.Dist	Gt	AWM	000:THRU	040:AMP Simulator	001:Rev Hall 1	016:Delay L,R	off	AWM Volume	off	InsL LPF Cutoff	off	off	AWM Pitch
58	D10	Lead Switch	Gt	AWM	016:AMP Simulator	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
59	D11	Black Magic	Gt	FDSP	000:THRU	040:AMP Simulator	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1 PMD, AWM LFO1Speed	off	FDSP Flet Pos.	off	off	AWM Pitch
60	D12	BritishStack	Gt	FDSP	022:Phaser	079:Overdrive+Delay	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Cutoff	off	off	AWM Pitch
61	D13	Old Strings	Ba	AWM	024:3Band EQ	016:Echo	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM Pitch
62	D14	Thump 1	Ba	AWM	018:Compressor	061:DPCM	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM Pitch
63	D15	Thump 2	Ba	AWM	018:Compressor	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM Pitch
64	D16	Snazz Bass	Ba	FDSP	024:3Band EQ	062:V-Distortion	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM Pitch,AWM Volume	off	off	FDSP Phase, FDSP Drive

- The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.
- Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.
- A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
AWM DCF Freq	AWM DCF Reso,AWM Volume	FDSP PWM	AWM AEG AtTim	AWM AEG R2Tim	FDSP Balance	off
AWM DCF Freq	AWM LFO1 AMD	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Pitch	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	InsL LFO Freq	InsL EQ H-Gain	InsL FB Level	COM Rev Send	COM Cho Send	COM Rev Send
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	FDSP Phase	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	InsL Vowel	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume,AWM Volume	InsS EQ M-Gain,InsL Mix Level	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	InsL Vowel	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
InsL EQ H-Gain,AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	InsL D/W Bal,COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL D/W Bal	InsL FB Level	COM Rev Send	AWM AEG AtTim,Assign Off	off
AWM DCF Freq	AWM AEG AtTim	AWM AEG D1Tim	AWM AEG R2Tim	InsL D/W Bal	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsL EQ H-Gain	InsS LFO Depth	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso,AWM Volume	AWM FEG D2Tim	InsL EQ L-Gain,AWM Volume	FDSP Pitch	COM Cho Send,FDSP LFO Depth	off
AWM DCF Freq	AWM Volume	InsL EQ L-Gain	InsL EQ H-Gain	FDSP Ceiling	InsL LFO Depth	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain,InsS EQ L-Gain	InsL EQ H-Gain,InsS EQ H-Gain	FDSP Sub Mod.	COM Cho Send,COM Volume	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D2Tim	InsS EQ L-Gain,AWM Volume	FDSP Pitch	COM Cho Send,FDSP LFO Depth	off
AWM DCF Freq	FDSP Main Mod.	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim,AWM FEG R1Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	AWM FEG D1Tim	AWM FEG D3Tim,AWM FEG D2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	AWM FEG D1Tim	FDSP PW	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send,InsL D/W Bal	AWM Pitch	off
InsL EQ L-Gain	InsL EQ H-Gain	InsS HPF Cutoff	InsS Mix Level	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	FDSP Drive	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL EQ H-Gain	InsS HPF Cutoff	InsS Mix Level	COM Rev Send	COM Cho Send	off
InsS EQ L-Gain	InsS EQ L-Freq	InsS EQ H-Gain	FDSP Drive	COM Rev Send	COM Cho Send	off
InsS EQ L-Gain	InsS EQ H-Gain	FDSP Drive	AWM Volume	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM AEG D2Tim	InsS EQ M-Gain	InsL D/W Bal	COM Cho Send	AWM Volume	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Pitch	AWM AEG AtTim	AWM LFO1 AMD	COM Rev Send	InsL FB Level	off
AWM DCF Freq	AWM Volume,AWM Volume	InsL EQ L-Gain	InsL EQ H-Gain	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	off
InsS EQ L-Gain	InsS EQ M-Gain	InsS EQ H-Gain	InsS EQ M-Freq	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	FDSP Picking Pos.	FDSP Flet Pos.	COM Rev Send	COM Cho Send	off
FDSP Cutoff	AWM Volume	FDSP Flet Pos.	InsL AM Depth	COM Rev Send	COM Cho Send	off
AWM DCF Freq	FDSP Cutoff	InsL EQ L-Gain	COM Rev Send	COM Cho Send	InsL D/W Bal	off
AWM DCF Freq	InsS EQ L-Gain,COM Volume	InsS EQ H-Gain,COM Volume	InsL Out Level,InsL D/W Bal, InsL EQ M-Gain	InsS D/W Bal	COM Cho Send	off
AWM DCF Freq	InsL Drive	InsL LPF Cutoff	InsL D/W Bal	COM Rev Send	COM Cho Send	off
AWM DCF Freq	FDSP Cutoff	FDSP Flet Pos.	AWM Volume	COM Rev Send	COM Cho Send	off
FDSP Cutoff	FDSP Picking Pos.	FDSP Flet Pos.	AWM Volume	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	FDSP Pickup Pos.	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
FDSP Cutoff	FDSP Pickup Pos.	FDSP Flet Pos.	AWM Volume	COM Rev Send	COM Cho Send	off
AWM FEG Depth	InsL LPF Cutoff	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL Attack,COM Volume, InsS LPF Cutoff	InsL Out Level,InsL D/W Bal, InsL EQ M-Gain	InsS Drive	InsL Threshold	COM Cho Send	off
AWM DCF Freq	InsS Drive,InsS Out Level	InsL Threshold	InsL Drive	InsL Out Level,InsL D/W Bal, COM Volume	COM Cho Send	off
InsL EQ L-Gain	InsL Attack,COM Volume, InsS LPF Cutoff	InsL Out Level,InsL D/W Bal, InsL EQ M-Gain	InsS Drive	InsL Attack,COM Cho Send	COM Rev Send	off
InsS EQ L-Gain	InsS EQ M-Freq	InsS EQ M-Gain	InsL LPF Cutoff	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM LFO1 AMD	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
FDSP Cutoff	FDSP Picking Pos.	InsL D/W Bal	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
InsL Dst Lo G	InsL Dst Mid G	InsS D/W Bal	InsS LFO Freq,InsS LFO Depth	InsL Delay Mix,InsL Dly FB Lev	COM Rev Send	off
AWM DCF Freq	AWM AEG AtTim	AWM AEG D2Tim	InsS EQ M-Gain	InsL D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS Threshold,InsS Ratio, InsS Out Level	InsL LPF Reso.	COM Cho Send	COM Rev Send	off
AWM FEG Depth,AWM DCF Freq	InsL EQ L-Gain	InsL EQ H-Gain	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG Depth,AWM FEG D1Tim, AWM FEG D2Tim	AWM AEG R1Tim	COM Rev Send	COM Cho Send	off

Preset 2 (65-128)

MSB=63
LSB=1

					Effect				Controller						
No.	**Bnk**	**Voice Name**	**Cat**	**Type**	**Ins-S Type**	**Ins-L Type**	**Reverb Type**	**Chorus Type**	**PB**	**MW**	**AT**	**MW2**	**FC**	**BC**	**Rbn**
65	E1	Fingered	Ba	FDSP	023:EQ	058:3Band EQ	009:Rev White Room	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
66	E2	Flatwound	Ba	AWM	024:3Band EQ	040:AMP Simulator	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
67	E3	Pickit	Ba	AWM	016:AMP Simulator	058:3Band EQ	009:Rev White Room	000:Off	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
68	E4	Slapit	Ba	AWM	018:Compressor	058:3Band EQ	003:Rev Room 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
69	E5	Hopin'Slap	Ba	VL	000:THRU	041:Compressor	003:Rev Room 1	001:Chorus 1	off	VL PMD,AWM LFO1 PMD	off	AWM FEG Depth	off	off	AWM Pitch
70	E6	Boiled	Ba	AWM	024:3Band EQ	015:Delay LR	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM Pitch
71	E7	FretlessLead	Ba	FDSP	024:3Band EQ	004:Chorus 4	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
72	E8	Fretless 1	Ba	AWM	024:3Band EQ	016:Echo	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM LFO1 PMD
73	E9	Fretless 2	Ba	FDSP	000:THRU	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Cutoff	off	off	AWM Pitch
74	E10	Eddie	Ba	AWM	018:Compressor	058:3Band EQ	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
75	E11	Wood Bass	Ba	AWM	000:THRU	025:Early Ref 1	003:Rev Room 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM Pitch
76	E12	The FM Bass	Ba	AWM	017:Exciter	063:V-Flanger	003:Rev Room 1	014:Phaser	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM Pitch
77	E13	Boogie	Ba	AN Layer	023:EQ	055:Ensemble Detune	009:Rev White Room	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD, AWM LFO1 PMD	off	AWM Volume	off	off	AN Pitch
78	E14	Dry Bass	Ba	AN Layer	023:EQ	000:THRU	001:Rev Hall 1	004:Chorus 4	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN Pitch
79	E15	Pulse Bass 1	Ba	AN Layer	023:EQ	000:THRU	003:Rev Room 1	004:Chorus 4	off	AN VCO1 PMD,AN VCO2 PMD	off	COM Cho Send	off	off	AN Pitch
80	E16	ResBassComp	Ba	AN Poly	024:3Band EQ	061:DPCM	007:Rev Stage 2	001:Chorus 1	off	AN VCO1 PMD,AWM LFO2Depth	off	InsL Samp.Freq	off	off	off
81	F1	Pulse Bass 2	Ba	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
82	F2	Pulse Smack	Ba	FDSP	000:THRU	000:THRU	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
83	F3	AnaChorus	Ba	AWM	017:Exciter	058:3Band EQ	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	InsS Drive	off	off	AWM Pitch
84	F4	Mondo Bass	Ba	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq
85	F5	Stevie	Ld	AN Poly	000:THRU	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Reso	off	off	AN Pitch
86	F6	UniPulser	Ld	AN Layer	000:THRU	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN Pitch
87	F7	P5 Sync	Ld	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	FDSP Pitch
88	F8	Squaw	Ld	FDSP	000:THRU	063:V-Flanger	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	FDSP Phase	off	off	AWM Pitch
89	F9	Saw Lead	Ld	AN Layer	024:3Band EQ	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	COM Cho Send, COM Volume	off	off	AN Pitch
90	F10	Quick 5ths	Ld	AN Layer	024:3Band EQ	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	COM Cho Send, COM Volume	off	off	AN Pitch
91	F11	Oberlead	Ld	AN Layer	024:3Band EQ	014:Delay LCR	001:Rev Hall 1	004:Chorus 4	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN Pitch
92	F12	Singleline	Ld	AWM	000:THRU	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM FEG Depth	off	off	AWM Pitch
93	F13	TriLead	Ld	AWM	024:3Band EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
94	F14	Earth Lead	Ld	AN Layer	000:THRU	000:THRU	002:Rev Hall 2	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN VCF Freq
95	F15	New Drone	Ld	AN Layer	023:EQ	015:Delay LR	002:Rev Hall 2	004:Chorus 4	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN Pitch
96	F16	Sync Lead 1	Ld	AN Poly	024:3Band EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN Pitch
97	G1	Tennor Sax	Rd	VL	023:EQ	000:THRU	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	VL Pressure,VL Throat	off	VL Throat	off	VL Pitch
98	G2	Tenor Soft	Rd	AWM	023:EQ	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD, AWM Volume	AWM LFO1 AMD,AWM Volume, AWM LFO1 PMD	AWM LFO1 PMD	off	off	AWM DCF Freq, AWM Volume
99	G3	Tenor medium	Rd	AWM	023:EQ	058:3Band EQ	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD, AWM Volume	AWM LFO1 AMD,AWM Volume, AWM LFO1 PMD	AWM LFO1 PMD	off	off	AWM DCF Freq, AWM Volume
100	G4	Sax Section	Rd	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM Pitch	off	off	AWM Pitch
101	G5	Alto Sax	Rd	VL	024:3Band EQ	000:THRU	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	VL Pressure,VL Throat	VL Throat	off	off	VL Pitch
102	G6	BigSax	Rd	AWM	023:EQ	058:3Band EQ	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD, AWM Volume	AWM LFO1 AMD,AWM Volume, AWM LFO1 PMD	AWM LFO1 PMD	off	off	AWM DCF Freq, AWM Volume
103	G7	Soft Reeds	Rd	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
104	G8	Soprano Sax	Rd	VL	024:3Band EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	VL Embouchure	VL PMD	VL Pressure,VL Amplitude	off	off	off	VL Pitch
105	G9	Soprano Soft	Rd	AWM	023:EQ	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD, AWM Volume	AWM LFO1 AMD,AWM Volume, AWM LFO1 PMD	AWM LFO1 PMD	off	off	AWM DCF Freq, AWM Volume
106	G10	Mouth Keys	Rd	VL	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	VL Pressure,VL Amplitude	VL Embouchure	off	off	VL Pitch
107	G11	Mizu Horny	Rd	VL	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	VL Amplitude,VL Tonguing	VL Brth Noise	off	off	VL Pitch
108	G12	Flute	Rd	AWM	023:EQ	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD, AWM Volume	AWM LFO1 AMD,Assign Off	AWM LFO1 PMD	off	off	AWM DCF Freq, AWM Volume
109	G13	Jazz Flute	Pi	VL	024:3Band EQ	000:THRU	001:Rev Hall 1	001:Chorus 1	off	VL PMD	VL Pressure,VL Amplitude	VL Embouchure	off	off	VL Embouchure
110	G14	Metal Piper	Pi	FDSP	000:THRU	022:Ambience	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD	off	off	off	off	AWM Pitch
111	G15	Bamboo	Pi	VL	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	VL Pressure,VL Amplitude, VL Tonguing	VL Embouchure	off	off	VL Pitch
112	G16	Shakuhachi	Et	VL	024:3Band EQ	022:Ambience	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	off	VL Growl, VL Pressure	off	off	VL Pitch
113	H1	Rising High	Fx	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
114	H2	Fractal	Fx	AWM	000:THRU	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	AWM DCF Freq	off	AWM LFO2Depth	off	off	AWM Pitch
115	H3	Busy Brass	Fx	AWM	000:THRU	000:THRU	001:Rev Hall 1	017:Ctrl. Delay	off	COM Cho Send,AWM Volume	off	AWM DCF Freq	off	off	AWM Pitch
116	H4	Flange Wrap	Fx	FDSP	000:THRU	010:Flanger 1	001:Rev Hall 1	010:Flanger 1	off	AWM LFO1 PMD	off	FDSP LFO Speed, FDSP LFO Depth	off	off	AWM Pitch
117	H5	Kosmik Fluid	Fx	FDSP	008:Celeste 4	029:Karaoke 1	001:Rev Hall 1	001:Chorus 1	off	InsS EQ H-Gain	off	FDSP Pitch	off	off	AWM LFO1 FMD
118	H6	Morphyum	Fx	AN Poly	000:THRU	000:THRU	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AN VCO1 PMD	off	off	AN Pitch
119	H7	Asian Rain	Fx	FDSP	000:THRU	015:Delay LR	001:Rev Hall 1	007:Celeste 2	off	AWM LFO1 AMD	off	FDSP Pitch	off	off	AWM Pitch
120	H8	Going Down	Fx	FDSP	024:3Band EQ	021:Auto Pan	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM Pitch
121	H9	Foam	Fx	AWM	000:THRU	001:Chorus 1	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	InsL LFO Freq	off	off	AWM Pitch
122	H10	Megawave	Fx	FDSP	000:THRU	013:Symphonic	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	FDSP PWM
123	H11	Pop Kit	Dr	Drum	000:THRU	000:THRU	004:Rev Room 2	001:Chorus 1	off	off	off	off	off	off	off
124	H12	Velocity Kit	Dr	Drum	000:THRU	000:THRU	009:Rev White Room	001:Chorus 1	off	off	off	off	off	off	off
125	H13	Rock Kit	Dr	Drum	000:THRU	000:THRU	004:Rev Room 2	001:Chorus 1	off	off	off	off	off	off	off
126	H14	Jazzy Kit	Dr	Drum	000:THRU	000:THRU	005:Rev Room 3	001:Chorus 1	off	off	off	off	off	off	off
127	H15	House Kit	Dr	Drum	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	off	off	off	off	off	off
128	H16	Tech Kit	Dr	Drum	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	off	off	off	off	off	off

- The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.
- Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.
- A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
FDSP Cutoff	InsL EQ L-Freq	FDSP Flet Pos.	AWM Volume	InsS EQ L-Gain	InsS EQ H-Gain	off
InsS EQ L-Gain	InsS EQ M-Gain	InsS EQ H-Gain	InsL LPF Cutoff	InsL D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Freq	InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain,InsS LPF Cutoff	off
InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain	InsS Threshold	InsS Out Level	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG D1Tim	AWM LFO1 FMD	COM Rev Send	COM Cho Send	AWM AEG D1Tim,AWM LFO1 FMD
AWM DCF Freq	AWM AEG D2Tim	InsS EQ M-Gain	InsL D/W Bal	COM Cho Send	COM Rev Send	off
FDSP Cutoff	FDSP Picking Pos.	InsS EQ L-Gain	InsS EQ H-Gain	AWM Volume	COM Cho Send,InsL D/W Bal, COM Rev Send	off
AWM DCF Freq	AWM AEG AtTim	InsS EQ M-Gain	InsL D/W Bal	COM Cho Send	COM Rev Send	off
FDSP Cutoff	FDSP Picking Pos.	AWM Volume	InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain	off
AWM DCF Freq	AWM DCF Reso	AWM Volume	InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	AWM Volume	off
AWM DCF Freq	AWM DCF Reso	InsL D/W Bal,InsL LFO Depth	InsS HPF Cutoff	AWM Volume,AWM Volume	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN FEG SusLvl	AN VCO2 Edge,AN VCO1 Edge	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG Depth	AN FEG DcyTim	AN VCO1 PW,AN VCO2 PW	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG At Tim	AN FEG DcyTim	AN VCO2 Edge,AN VCO1 Edge	AN VCO1 PWM,AN VCO2 PWM	off
AN VCF Freq,AWM DCF Freq	AN VCF Reso,AWM DCF Reso	AN FEG Depth,AWM FEG Depth	AN FEG DcyTim,AWM FEG D2Tim	InsL Samp.Freq	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG Depth	AWM FEG D1Tim	FDSP PW	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG Depth	AWM FEG D1Tim	FDSP PW	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM Volume,AWM Volume	AWM FEG D1Tim	AWM FEG Depth	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Cho Send	COM Rev Send	off
AN VCF Freq	AN VCF FMD	AN AEG At Tim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN FEG SusLvl,AN VCO1 Edge	COM Rev Send	COM Cho Send	off
FDSP Pitch	FDSP Feedback	FDSP LFO Depth	FDSP LFO Speed	COM Rev Send	COM Cho Send	off
AWM DCF Freq	FDSP Drive	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN AEG DcyTim,AN AEG SusLvl	InsL D/W Bal	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN AEG DcyTim,AN AEG SusLvl	InsL D/W Bal	off
AN VCF Freq	AN VCF Reso	AN FEG At Tim	AN FEG DcyTim	COM Rev Send	InsL D/W Bal	off
AWM FEG Depth	AWM DCF Reso	AWM AEG AtTim,AWM FEG D1Tim	AWM Pitch,Assign Off	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	AWM FEG D2Tim	COM Cho Send	off
AN VCF HPF	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send,InsL D/W Bal	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN AEG SusLvl	AN VCF HPF	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	COM Rev Send,COM Cho Send, VL Throat
InsL EQ L-Gain	InsL EQ H-Gain	AWM Volume	AWM AEG D2Tim	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL EQ H-Gain	AWM Volume	AWM AEG D2Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth,AWM DCF Freq	AWM Pitch	AWM Volume	AWM Volume	COM Rev Send	COM Cho Send	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	VL EG At Tim,VL EG Rl Tim, COM Rev Send,VL Pitch,VL Throat
InsL EQ L-Gain	InsL EQ H-Gain	AWM Volume	AWM AEG D2Tim	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain	AWM Volume	COM Rev Send	COM Cho Send	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	COM Rev Send,COM Cho Send
InsL EQ L-Gain	InsL EQ H-Gain	AWM Volume	AWM AEG D2Tim	COM Rev Send	COM Cho Send	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	VL EG Rl Tim,VL Flt Freq
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	COM Rev Send,COM Cho Send, VL EG At Tim
InsL EQ L-Gain	InsL EQ H-Gain	AWM Volume	AWM AEG D2Tim	COM Rev Send	COM Cho Send	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	VL EG At Tim,VL EG Rl Tim
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM AEG D1Tim,	AWM AEG R2Tim,AWM FEG R1Tim	COM Rev Send	COM Cho Send	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	COM Cho Send,VL Pitch, VL EG Rl Tim
VL Damping	VL Flt Reso	VL Embouchure	VL Brth Noise	COM Rev Send	COM Cho Send	VL Flt Reso,COM Rev Send
AWM DCF Freq	AWM LFO1 FMD	AWM AEG AtTim,AWM KeyOnDly	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM LFO2Depth	AWM AEG AtTim	AWM LFO2Speed	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM Volume,AWM Volume	AWM LFO1Speed	AWM AEG AtTim	AWM AEG R2Tim	off
AWM DCF Freq	AWM AEG AtTim,AWM FEG Hold, AWM FEG D2Tim	AWM Volume,AWM FEG D3Tim, AWM AEG D3Tim	FDSP Pitch	InsL LFO Depth,FDSP LFO Depth	COM Rev Send	off
AWM DCF Freq	InsL FB Level	AWM AEG AtTim	AWM AEG R2Tim	InsL D/W Bal	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN VCO2 PMD	AWM LFO1 FMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	FDSP Pitch	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	AWM Volume,AWM Volume	COM Cho Send	off
AWM DCF Freq	AWM LFO1 FMD	AWM LFO1 AMD	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
off	off	off	off	off	off	off
off	off	off	off	off	off	off
off	off	off	off	off	off	off
off	off	off	off	off	off	off
off	off	off	off	off	off	off
off	off	off	off	off	off	off

Internal 1-1 (1-64)

MSB=63
LSB=2

					Effect				Controller						
No.	Bnk	Voice Name	Cat	Type	Ins-S Type	Ins-L Type	Reverb Type	Chorus Type	PB	MW	AT	MW2	FC	BC	Rbn
1	A1	Made in USA	Pf	AWM	001:Chorus 1	055:Ensemble Detune	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
2	A2	Jazz Grand	Pf	AWM	000:THRU	058:3Band EQ	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
3	A3	Georgia	Pf	AWM	023:EQ	055:Ensemble Detune	001:Rev Hall 1	004:Chorus 4	off	COM Cho Send,InsL D/W Bal	off	AWM DCF Freq	off	off	AWM Pitch
4	A4	Lead Switch	Gt	AWM	016:AMP Simulator	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
5	A5	Pulse Smack	Ba	FDSP	000:THRU	000:THRU	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
6	A6	Snoop Bass	Ba	AN Poly	024:3Band EQ	071:Attack Lofi	001:Rev Hall 1	016:Delay L,R	off	AN VCO2 Edge	off	AN Feedback	off	off	COM Port SW, AN Port Time
7	A7	Hardstep	Ba	AN Poly	000:THRU	022:Ambience	001:Rev Hall 1	016:Delay L,R	off	AN Sync Pitch	off	AN VCO2 Edge	off	off	AN Feedback
8	A8	Hardsequence	Ba	FDSP	016:AMP Simulator	015:Delay LR	001:Rev Hall 1	014:Phaser	off	FDSP Drive	off	InsS Drive	off	off	FDSP Egde Bias
9	A9	Swell String	St	AWM	000:THRU	058:3Band EQ	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM Pitch
10	A10	BreathChoir	En	AWM	024:3Band EQ	064:Talking Modulator	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM Volume	off	off	InsL Vowel
11	A11	Trumpet	Br	VL	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	VL Pressure, VL Amplitude	VL Flt Freq	off	off	VL Embouchure
12	A12	Matrix	Br	AWM	024:3Band EQ	004:Chorus 4	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
13	A13	Mean Lead	Ld	AN FDSP	024:3Band EQ	062:V-Distortion	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AN VCO1 PMD, AN VCO2 PMD	AWM LFO2Depth	InsL D/W Bal	off	off	AN Pitch,AWM Pitch
14	A14	Earth Lead	Ld	AN Layer	000:THRU	000:THRU	002:Rev Hall 2	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN VCF Freq
15	A15	Pro Lead	Ld	AN Poly	000:THRU	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN LFO1 Speed	off	off	AN VCF Freq
16	A16	Minor Vocals	Ld	AWM	017:Exciter	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	off	off	AWM DCF Freq	off	off	AWM DCF Freq
17	B1	Bottled Out	Pd	AWM	000:THRU	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	AWM LFO2Depth	off	AWM Volume	off	off	InsL LFO Freq, InsL LFO Depth
18	B2	ComeOnHigh	Pd	FDSP	024:3Band EQ	058:3Band EQ	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 FMD,AWM LFO1 AMD	off	FDSP Pitch	off	off	FDSP LFO Speed
19	B3	AN Layer	Pd	AN Poly	000:THRU	011:Flanger 2	001:Rev Hall 1	013:Symphonic	off	AN VCO1 PMD	off	AN VCF Freq	off	off	AN Pitch
20	B4	Adventure	Fx	FDSP	000:THRU	015:Delay LR	002:Rev Hall 2	009:Celeste 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
21	B5	Shakuhachi	Et	VL	024:3Band EQ	022:Ambience	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	off	VL Growl,VL Pressure	off	off	VL Pitch
22	B6	Seven	Se	FDSP	001:Chorus 1	000:THRU	001:Rev Hall 1	015:Ensemble Detune	off	AWM DCF Freq	off	AWM Volume	off	off	AWM Pitch
23	B7	Pulse EP	Sc	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
24	B8	Loved Up	Sc	FDSP	004:Chorus 4	055:Ensemble Detune	006:Rev Stage 1	016:Delay L,R	off	AWM LFO1 PMD	off	FDSP Balance	off	off	InsL EQ H-Gain
25	B9	Stonk	Sc	AWM	018:Compressor	058:3Band EQ	007:Rev Stage 2	003:Chorus 3	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM Pitch, AWM Pitch
26	B10	Ring EP	Sc	FDSP	009:Flanger 1	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Sub Mod.	off	off	AWM Pitch
27	B11	Futopia	Pd	FDSP	000:THRU	055:Ensemble Detune	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
28	B12	Gronk	Sc	FDSP	000:THRU	001:Chorus 1	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM Pitch
29	B13	Straight	Sc	AWM	008:Celeste 4	017:Cross Delay	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM DCF Freq
30	B14	Sync Echo	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	014:Phaser	off	AWM FEG D1Tim	off	InsL D/W Bal	off	off	AWM DCF Freq
31	B15	Down Spiral	Se	AWM	000:THRU	062:V-Distortion	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	off	off	off	COM Cho Send
32	B16	FM Line	Sq	AWM	010:Flanger 2	055:Ensemble Detune	002:Rev Hall 2	016:Delay L,R	off	AWM Volume	off	InsL D/W Bal	off	off	AWM DCF Freq
33	C1	4 by 4	Dr	AWM	016:AMP Simulator	062:V-Distortion	001:Rev Hall 1	001:Chorus 1	off	AWM LFO2Speed	off	COM Rev Send	off	off	AWM DCF Freq
34	C2	4 Osc Sweep	Fx	AWM	000:THRU	017:Cross Delay	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
35	C3	Countryman	Sc	FDSP	024:3Band EQ	063:V-Flanger	008:Rev Plate	016:Delay L,R	off	AWM LFO1 FMD	off	FDSP Pickup Pos.	off	off	AWM DCF Freq
36	C4	Air Stabs	Sc	AN Poly	010:Flanger 2	017:Cross Delay	001:Rev Hall 1	006:Celeste 1	off	AN VCF FMD	off	AN LFO1 Speed	off	off	AN FEG Depth, AN Sync Depth
37	C5	AnalogSQ	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM FEG Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
38	C6	Art of Love	Vo	FDSP	017:Exciter	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM LFO1 AMD
39	C7	Kick & Snare	Dr	AN Layer	024:3Band EQ	027:Gate Reverb	001:Rev Hall 1	016:Delay L,R	off	AN VCF FMD	off	AN VCF Freq	off	off	AN Pitch
40	C8	Beades	Se	FDSP	000:THRU	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Pitch	off	off	FDSP LFO Depth
41	C9	BigArpeggio	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM FEG Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
42	C10	Big Orch	Co	AWM	024:3Band EQ	054:Pitch Change 2	002:Rev Hall 2	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM DCF Freq
43	C11	Bip	Sc	AWM	022:Phaser	017:Cross Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM DCF Freq
44	C12	Blockhead	Sc	AWM	010:Flanger 2	040:AMP Simulator	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	InsS LFO Freq
45	C13	Blue	Sc	AWM	009:Flanger 1	017:Cross Delay	006:Rev Stage 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM LFO1 AMD
46	C14	Brush 'Em	Gt	AWM	001:Chorus 1	000:THRU	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM AEG D2Tim	off	off	AWM LFO1 PMD
47	C15	Clickbell	Cp	AWM	017:Exciter	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	InsS HPF Cutoff
48	C16	Cloud Nine	Pd	AWM	000:THRU	011:Flanger 2	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq
49	D1	Adventure	Fx	FDSP	000:THRU	015:Delay LR	002:Rev Hall 2	009:Celeste 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
50	D2	Descender	Fx	AN Poly	000:THRU	011:Flanger 2	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	AN LFO1 Speed	off	off	AN VCF Freq, AN VCF Reso
51	D3	Blue Lead	Gt	FDSP	016:AMP Simulator	000:THRU	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1 PMD	off	InsS D/W Bal	off	off	AWM LFO1 PMD
52	D4	DigiWorld	Sq	AWM	024:3Band EQ	053:Pitch Change 1	001:Rev Hall 1	016:Delay L,R	off	AWM LFO2Depth,AWM LFO2Speed	off	InsS EQ M-Gain	off	off	AWM Pitch
53	D5	EX god	Fx	AN Poly	000:THRU	014:Delay LCR	001:Rev Hall 1	002:Chorus 2	off	AN Sync Depth	off	AWM DCF Freq	off	off	AN Pitch
54	D6	Torture	Sc	FDSP	013:Auto Pan	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM PEG D1Tim	off	FDSP PW	off	off	FDSP LFO Speed
55	D7	Witches	En	AWM	004:Chorus 4	064:Talking Modulator	001:Rev Hall 1	015:Ensemble Detune	off	InsS EQ H-Gain	off	InsL Vowel	off	off	InsS LFO Freq, InsS D/W Bal
56	D8	Merapi	Fx	FDSP	004:Chorus 4	050:Stage 1	002:Rev Hall 2	013:Symphonic	off	AWM PEG Depth,AWM PEG D1Tim	off	FDSP Pitch	off	off	FDSP Sub Mod., FDSP Main Mod.
57	D9	Evil	Sc	AWM	023:EQ	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM DCF Freq
58	D10	FM Line	Sq	AWM	010:Flanger 2	055:Ensemble Detune	002:Rev Hall 2	016:Delay L,R	off	AWM Volume	off	InsL D/W Bal	off	off	AWM DCF Freq
59	D11	Fanfare	Br	AN Poly	024:3Band EQ	016:Echo	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN LFO1 Speed	off	off	AN VCF FMD
60	D12	Faraway	Se	FDSP	000:THRU	000:THRU	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	FDSP Balance
61	D13	DX Atacky	Pf	AWM	000:THRU	004:Chorus 4	001:Rev Hall 1	006:Celeste 1	off	AWM LFO1 AMD	off	InsL LFO Freq	off	off	AWM Pitch
62	D14	Flivver	Fx	AN Poly	016:AMP Simulator	011:Flanger 2	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	COM Rev Send	off	off	COM Cho Send
63	D15	Dist 5th	Ld	AN Layer	024:3Band EQ	038:Distortion	001:Rev Hall 1	015:Ensemble Detune	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN VCF Freq
64	D16	Flow	Fx	AWM	013:Auto Pan	017:Cross Delay	001:Rev Hall 1	012:Flanger 3	off	InsS LFO Freq	off	AWM FEG Depth	off	off	InsS EQ H-Gain

* Four different types of voice sets are assigned for the Internal 1 (1-32) voices; tables 1-1, 1-2, 1-3 and 1-4 corresponding to the Demonstration Disks 1, 2, 3 and 4, respectively. The same voice sets are assigned for the Internal 1 (33-64) voices. When restoring the factory set data using the Factory Set file (on page 24, Owner's Manual), choose the disk containing the appropriate file.

- The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.
- Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.
- A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
AWM DCF Freq	AWM Volume	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	COM Rev Send	InsL D/W Bal,COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG Depth	AWM FEG D1Tim	FDSP PW	COM Cho Send	off
AN VCF HPF	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim,AN FEG Rl Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF HPF	AN VCF Reso	AN AEG At Tim	AN FEG Rl Tim	COM Rev Send	off
FDSP Drive	FDSP Egde Bias	FDSP Ceiling	InsL D/W Bal	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	InsL Vowel	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
VL Flt Freq	VL Flt Reso	VL EG At Tim	VL EG Rl Tim	COM Rev Send	COM Cho Send	VL EG At Tim, VL EG Rl Tim
AWM DCF Freq	AWM FEG Depth	AWM FEG D1Tim	AWM FEG D3Tim,AWM FEG D2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AN VCF Freq	AWM DCF Reso,AN VCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	FDSP Overtone,FDSP Ceiling	COM Cho Send	off
AN VCF HPF	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN AEG At Tim	AN AEG Rl Tim	AN FEG Rl Tim	AN Sync Pitch	InsL D/W Bal,COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG D2Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	InsL EQ L-Gain,AWM Volume	COM Rev Send	FDSP Feedback	off
AWM DCF Freq	AN Volume,AWM Volume	AWM AEG AtTim,AN AEG At Tim	AN AEG Rl Tim,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
VL Damping	VL Flt Reso	VL Embouchure	VL Brth Noise	COM Rev Send	COM Cho Send	VL Flt Reso, COM Rev Send
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	AWM FEG D1Tim	FDSP PW	COM Rev Send	COM Cho Send	off
InsL EQ H-Gain	AWM PEG Depth	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain,InsS EQ L-Gain	InsL EQ H-Gain,InsS EQ H-Gain	FDSP Sub Mod.	COM Cho Send,COM Volume	off
AWM Volume	AWM Volume	AWM Volume	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	InsL EQ L-Gain	InsL EQ H-Gain	FDSP Ceiling	InsL LFO Depth	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM Volume,AWM Volume	COM Rev Send	COM Cho Send	off
AWM DCF Freq,InsL Presence	InsL D/W Bal	AWM Volume	AWM Volume	COM Rev Send	Arp tempo	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AWM Volume	AWM KeyOnDly	AWM KeyOnDly	InsL D/W Bal	InsS D/W Bal	InsS LPF Cutoff	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	InsL EQ M-Gain	AWM FEG R1Tim,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN FEG Depth	AN Sync Depth	AN VCO1 PMD,AN VCO2 PMD	AN AEG At Tim	AN FEG At Tim	InsL FB Level	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth,AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	InsL D/W Bal	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN FEG At Tim	AN VCF HPF	off
FDSP EG Depth	AWM Pitch	AWM AEG AtTim	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM AEG D1Tim	AWM AEG R2Tim,InsL D/W Bal	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	InsL D/W Bal	InsS D/W Bal	InsS LFO Freq	COM Rev Send	off
InsL LPF Cutoff	AWM AEG AtTim	InsL D/W Bal	InsS LFO Freq	InsS FB Level	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	COM Rev Send	InsL D/W Bal	off
AWM DCF Freq	InsS EQ L-Gain	InsS LFO Freq	InsS LFO Depth	AWM Pitch	COM Rev Send	off
AWM DCF Freq	AWM AEG D1Tim	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM AEG AtTim	InsL LFO Depth	InsL LFO Freq,InsL EQ M-Gain	AWM Volume	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG Rl Tim	InsL D/W Bal	InsL LFO Freq,InsL LFO Depth	InsL FB Level	off
InsS Drive	InsS Out Level	InsS LPF Cutoff	InsS D/W Bal	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Cho Send	InsL D/W Bal	off
AN VCF Freq	AWM DCF Reso	AWM LFO1 FMD	AN LFO1 Speed	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	InsS LFO Freq,AWM LFO1Speed	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM AEG R2Tim	AWM KeyOnDly	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	InsL D/W Bal,COM Rev Send, InsS D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN FEG At Tim	InsL D/W Bal,InsL FB Level L	off
AWM AEG AtTim	FDSP PW	FDSP LFO Speed	FDSP LFO Depth	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	InsL FB Level	COM Rev Send	COM Cho Send	off
AN VCF FMD	AN PEG Depth	AN FM Depth	AN Sync Pitch	InsL LFO Freq,InsL LFO Depth, InsL FB Level	InsS D/W Bal	off
AN VCF Freq	AN VCF Reso	AN AEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	InsL D/W Bal	COM Cho Send	off

Internal 1-2 (1-64)

MSB=63
LSB=2

					Effect				Controller						
No.	Bnk	Voice Name	Cat	Type	Ins-S Type	Ins-L Type	Reverb Type	Chorus Type	PB	MW	AT	MW2	FC	BC	Rbn
1	A1	Rising High	Fx	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
2	A2	Pulse Bass 2	Ba	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
3	A3	Jazz Perc	Or	AWM	001:Chorus 1	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	InsL LFO Freq,InsS LFO Freq	off	AWM Volume	off	off	InsL LFO Freq
4	A4	Swell String	St	AWM	000:THRU	058:3Band EQ	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM Pitch
5	A5	Natural Grnd	Pf	AWM	024:3Band EQ	058:3Band EQ	002:Rev Hall 2	001:Chorus 1	off	COM Cho Send	off	AWM FEG Depth	off	off	AWM Pitch
6	A6	18 String	Gt	FDSP	023:EQ	043:Exciter	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
7	A7	Sect	Br	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
8	A8	Oberhorns	Br	AWM	000:THRU	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
9	A9	Orion	Pd	AWM	022:Phaser	021:Auto Pan	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM Pitch
10	A10	Boogie	Ba	AN Layer	023:EQ	055:Ensemble Detune	009:Rev White Room	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD, AWM LFO1 PMD	off	AWM Volume	off	off	AN Pitch
11	A11	Tube Crunch	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	001:Rev Hall 1	003:Chorus 3	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff	off	InsL L/H Bal	off	off	InsL Rotor,InsL EQ H-Gain, InsS LPF Cutoff
12	A12	Pulse String	Sc	FDSP	024:3Band EQ	004:Chorus 4	002:Rev Hall 2	016:Delay L,R	off	FDSP LFO Speed,AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
13	A13	Chorus Bell	Pf	FDSP	023:EQ	055:Ensemble Detune	001:Rev Hall 1	004:Chorus 4	off	InsL D/W Bal	off	AWM DCF Freq	off	off	AWM Pitch
14	A14	Lead Switch	Gt	AWM	016:AMP Simulator	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
15	A15	Obersync	Br	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
16	A16	Shakuhachi	Et	VL	024:3Band EQ	022:Ambience	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	off	VL Growl,VL Pressure	off	off	VL Pitch
17	B1	Equi 1998	Sq	AN Layer	023:EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN FEG DcyTim	off	AN VCF HPF	off	off	AN Pitch
18	B2	Mean Bass	Ba	AWM	014:Distortion	062:V-Distortion	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	InsL Over Drive	off	off	AWM DCF Freq
19	B3	Oasis	Pd	FDSP	013:Auto Pan	017:Cross Delay	002:Rev Hall 2	009:Celeste 4	off	AWM LFO1 PMD	off	InsS LFO Freq	off	off	FDSP Drive
20	B4	HPF Attack	Ld	AWM	024:3Band EQ	040:AMP Simulator	001:Rev Hall 1	017:Ctrl. Delay	off	AWM FEG D2Tim,AWM FEG D1Tim	off	AWM PEG Depth, AWM PEG D1Tim	off	off	COM Cho Send
21	B5	Huge Machine	Se	AN Poly	000:THRU	073:Jump	010:Rev Tunnel	001:Chorus 1	off	AN VCF Freq	off	AWM Volume, AN Volume	off	off	AWM DCF Freq
22	B6	Lately Bass	Ba	AWM	024:3Band EQ	016:Echo	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD	off	AWM PEG Depth	off	off	AWM Pitch
23	B7	FullChargeAT	Se	FDSP	000:THRU	040:AMP Simulator	008:Rev Plate	014:Phaser	off	FDSP Balance	AWM Volume	AWM LFO2Speed	off	off	FDSP LFO Speed
24	B8	Drumnotized	Se	AWM	016:AMP Simulator	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM Pitch
25	B9	Broken Arp	Se	AWM	000:THRU	073:Jump	011:Rev Basement	012:Flanger 3	off	AWM LFO1 AMD	off	InsL Speed	off	off	AWM Pitch
26	B10	BasslineB	Ba	AN Poly	023:EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN Sync Pitch	off	AN Sync Pitch	off	off	AN VCO1 Edge
27	B11	Vortex	Pd	FDSP	000:THRU	000:THRU	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD	off	AWM LFO1Speed	off	off	FDSP Pitch
28	B12	Chemistry	Ld	AWM	000:THRU	000:THRU	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1Speed	off	AWM Volume	off	off	AWM DCF Freq
29	B13	LunaPad MW	Pd	AWM	000:THRU	000:THRU	009:Rev White Room	014:Phaser	off	AWM LFO1 PMD	off	AWM LFO2Depth	off	off	AWM DCF Freq
30	B14	Sync Lead 2	Ld	AN Layer	024:3Band EQ	061:DPCM	001:Rev Hall 1	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN Sync Pitch
31	B15	Generator	Se	AWM	022:Phaser	062:V-Distortion	001:Rev Hall 1	001:Chorus 1	off	off	off	AWM Volume	off	off	AWM Volume
32	B16	Slipmat	Ld	FDSP	024:3Band EQ	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	InsL D/W Bal	off	InsS EQ H-Gain	off	off	AWM Pitch
33	C1	4 by 4	Dr	AWM	016:AMP Simulator	062:V-Distortion	001:Rev Hall 1	001:Chorus 1	off	AWM LFO2Speed	off	COM Rev Send	off	off	AWM DCF Freq
34	C2	4 Osc Sweep	Fx	AWM	000:THRU	017:Cross Delay	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
35	C3	Countryman	Sc	FDSP	024:3Band EQ	063:V-Flanger	008:Rev Plate	016:Delay L,R	off	AWM LFO1 FMD	off	FDSP Pickup Pos.	off	off	AWM DCF Freq
36	C4	Air Stabs	Sc	AN Poly	010:Flanger 2	017:Cross Delay	001:Rev Hall 1	006:Celeste 1	off	AN VCF FMD	off	AN LFO1 Speed	off	off	AN FEG Depth,AN Sync Depth
37	C5	AnalogSQ	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM FEG Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
38	C6	Art of Love	Vo	FDSP	017:Exciter	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM LFO1 AMD
39	C7	Kick & Snare	Dr	AN Layer	024:3Band EQ	027:Gate Reverb	001:Rev Hall 1	016:Delay L,R	off	AN VCF FMD	off	AN VCF Freq	off	off	AN Pitch
40	C8	Beades	Se	FDSP	000:THRU	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Pitch	off	off	FDSP LFO Depth
41	C9	BigArpeggio	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM FEG Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
42	C10	Big Orch	Co	AWM	024:3Band EQ	054:Pitch Change 2	002:Rev Hall 2	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM DCF Freq
43	C11	Bip	Sc	AWM	022:Phaser	017:Cross Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM DCF Freq
44	C12	Blockhead	Sc	AWM	010:Flanger 2	040:AMP Simulator	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	InsS LFO Freq
45	C13	Blue	Sc	AWM	009:Flanger 1	017:Cross Delay	006:Rev Stage 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM LFO1 AMD
46	C14	Brush 'Em	Gt	AWM	001:Chorus 1	000:THRU	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM AEG D2Tim	off	off	AWM LFO1 PMD
47	C15	Clickbell	Cp	AWM	017:Exciter	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	InsS HPF Cutoff
48	C16	Cloud Nine	Pd	AWM	000:THRU	011:Flanger 2	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq
49	D1	Adventure	Fx	FDSP	000:THRU	015:Delay LR	002:Rev Hall 2	009:Celeste 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
50	D2	Descender	Fx	AN Poly	000:THRU	011:Flanger 2	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	AN LFO1 Speed	off	off	AN VCF Freq,AN VCF Reso
51	D3	Blue Lead	Gt	FDSP	016:AMP Simulator	000:THRU	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1 PMD	off	InsS D/W Bal	off	off	AWM LFO1 PMD
52	D4	DigiWorld	Sq	AWM	024:3Band EQ	053:Pitch Change 1	001:Rev Hall 1	016:Delay L,R	off	AWM LFO2Depth,AWM LFO2Speed	off	InsS EQ M-Gain	off	off	AWM Pitch
53	D5	EX god	Fx	AN Poly	000:THRU	014:Delay LCR	001:Rev Hall 1	002:Chorus 2	off	AN Sync Depth	off	AWM DCF Freq	off	off	AN Pitch
54	D6	Torture	Sc	FDSP	013:Auto Pan	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM PEG D1Tim	off	FDSP PW	off	off	FDSP LFO Speed
55	D7	Witches	En	AWM	004:Chorus 4	064:Talking Modulator	001:Rev Hall 1	015:Ensemble Detune	off	InsS EQ H-Gain	off	InsL Vowel	off	off	InsS LFO Freq,InsS D/W Bal
56	D8	Merapi	Fx	FDSP	004:Chorus 4	050:Stage 1	002:Rev Hall 2	013:Symphonic	off	AWM PEG Depth,AWM PEG D1Tim	off	FDSP Pitch	off	off	FDSP Sub Mod.,FDSP Main Mod.
57	D9	Evil	Sc	AWM	023:EQ	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM DCF Freq
58	D10	FM Line	Sq	AWM	010:Flanger 2	055:Ensemble Detune	002:Rev Hall 2	016:Delay L,R	off	AWM Volume	off	InsL D/W Bal	off	off	AWM DCF Freq
59	D11	Fanfare	Br	AN Poly	024:3Band EQ	016:Echo	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN LFO1 Speed	off	off	AN VCF FMD
60	D12	Faraway	Se	FDSP	000:THRU	000:THRU	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	FDSP Balance
61	D13	DX Atacky	Pf	AWM	000:THRU	004:Chorus 4	001:Rev Hall 1	006:Celeste 1	off	AWM LFO1 AMD	off	InsL LFO Freq	off	off	AWM Pitch
62	D14	Flivver	Fx	AN Poly	016:AMP Simulator	011:Flanger 2	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	COM Rev Send	off	off	COM Cho Send
63	D15	Dist 5th	Ld	AN Layer	024:3Band EQ	038:Distortion	001:Rev Hall 1	015:Ensemble Detune	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN VCF Freq
64	D16	Flow	Fx	AWM	013:Auto Pan	017:Cross Delay	001:Rev Hall 1	012:Flanger 3	off	InsS LFO Freq	off	AWM FEG Depth	off	off	InsS EQ H-Gain

* Four different types of voice sets are assigned for the Internal 1 (1-32) voices; tables 1-1, 1-2, 1-3 and 1-4 corresponding to the Demonstration Disks 1, 2, 3 and 4, respectively. The same voice sets are assigned for the Internal 1 (33-64) voices. When restoring the factory set data using the Factory Set file (on page 24, Owner's Manual), choose the disk containing the appropriate file.

- The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.
- Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.
- A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
AWM DCF Freq	AWM LFO1 FMD	AWM AEG AtTim,AWM KeyOnDly	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG Depth	AWM FEG D1Tim	FDSP PW	COM Cho Send	off
AWM Volume	AWM DCF Freq	InsS EQ L-Gain	InsS EQ H-Gain	InsL LFO Depth,AWM Volume, InsL EQ H-Gain	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
InsS EQ L-Gain,InsL EQ L-Gain	InsS EQ H-Gain,InsL EQ H-Gain	InsS EQ M-Gain,InsL EQ M-Gain	AWM AEG AtTim	AWM AEG R2Tim	AWM FEG Depth	off
InsS EQ L-Gain	InsS EQ L-Freq	InsS EQ H-Gain	FDSP Drive	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM PEG D1Tim	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	AWM Volume	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN FEG SusLvl	AN VCO2 Edge,AN VCO1 Edge	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	off	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	FDSP Drive	FDSP Position	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM FEG Depth	AWM FEG D1Tim	AWM FEG D3Tim	COM Rev Send	COM Cho Send	off
VL Damping	VL Flt Reso	VL Embouchure	VL Brth Noise	COM Rev Send	COM Cho Send	VL Flt Reso, COM Rev Send
AN VCF Freq	AN VCF Reso	AN AEG At Tim,AWM AEG AtTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	InsS EQ L-Gain	InsS LPF Cutoff,InsS EQ M-Gain	InsL Presence	COM Cho Send,COM Volume	COM Rev Send	off
FDSP Drive	FDSP Ceiling	AWM AEG AtTim	InsL D/W Bal	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim,AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	InsL D/W Bal	InsS EQ M-Gain	off
AN VCF Freq	AN VCF Reso	AWM DCF Freq,AWM AEG AtTim	AWM DCF Reso,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL D/W Bal	InsS EQ M-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Cho Send	COM Rev Send	off
AWM Volume,AWM DCF Reso	AWM Volume	AWM Volume	InsS D/W Bal	COM Rev Send	off	off
AWM DCF Freq	AWM LFO1 FMD	AWM AEG AtTim	AWM AEG D1Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
FDSP Pitch	AWM AEG AtTim	FDSP LFO Speed	FDSP LFO Depth	FDSP PAN	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN Sync Pitch	AN FEG DcyTim	AN FEG SusLvl	COM Rev Send	COM Cho Send	off
InsS EQ H-Gain	InsL Over Drive	InsS D/W Bal	InsS LFO Freq	COM Rev Send	Arp Tempo	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R1Tim,AWM FEG R2Tim	FDSP Drive	FDSP Over Drive	off
AWM Volume	AWM KeyOnDly	AWM KeyOnDly	InsL D/W Bal	InsS D/W Bal	InsS LPF Cutoff	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	InsL EQ M-Gain	AWM FEG R1Tim,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN FEG Depth	AN Sync Depth	AN VCO1 PMD,AN VCO2 PMD	AN AEG At Tim	AN FEG At Tim	InsL FB Level	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth,AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	InsL D/W Bal	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN FEG At Tim	AN VCF HPF	off
FDSP EG Depth	AWM Pitch	AWM AEG AtTim	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM AEG D1Tim	AWM AEG R2Tim,InsL D/W Bal	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	InsL D/W Bal	InsS D/W Bal	InsS LFO Freq	COM Rev Send	off
InsL LPF Cutoff	AWM AEG AtTim	InsL D/W Bal	InsS LFO Freq	InsS FB Level	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	COM Rev Send	InsL D/W Bal	off
AWM DCF Freq	InsS EQ L-Gain	InsS LFO Freq	InsS LFO Depth	AWM Pitch	COM Rev Send	off
AWM DCF Freq	AWM AEG D1Tim	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM AEG AtTim	InsL LFO Depth	InsL LFO Freq,InsL EQ M-Gain	AWM Volume	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG Rl Tim	InsL D/W Bal	InsL LFO Freq,InsL LFO Depth	InsL FB Level	off
InsS Drive	InsS Out Level	InsS LPF Cutoff	InsS D/W Bal	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Cho Send	InsL D/W Bal	off
AN VCF Freq	AWM DCF Reso	AWM LFO1 FMD	AN LFO1 Speed	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	InsS LFO Freq,AWM LFO1Speed	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM AEG R2Tim	AWM KeyOnDly	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume,AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	InsL D/W Bal,COM Rev Send, InsS D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN FEG At Tim	InsL D/W Bal,InsL FB Level L	off
AWM AEG AtTim	FDSP PW	FDSP LFO Speed	FDSP LFO Depth	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	InsL FB Level	COM Rev Send	COM Cho Send	off
AN VCF FMD	AN PEG Depth	AN FM Depth	AN Sync Pitch	InsL LFO Freq,InsL LFO Depth, InsL FB Level	InsS D/W Bal	off
AN VCF Freq	AN VCF Reso	AN AEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	InsL D/W Bal	COM Cho Send	off

Internal 1-3 (1-64)

MSB=63
LSB=2

					Effect				Controller						
No.	Bnk	Voice Name	Cat	Type	Ins-S Type	Ins-L Type	Reverb Type	Chorus Type	PB	MW	AT	MW2	FC	BC	Rbn
1	A1	For Ballads	Pf	AWM	003:Chorus 3	058:3Band EQ	001:Rev Hall 1	002:Chorus 2	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM Pitch
2	A2	Jazz Chorus	Pf	FDSP	016:AMP Simulator	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	InsL LFO Freq	off	InsS D/W Bal,COM Cho Send, InsL L/R Depth	off	off	AWM Pitch
3	A3	Electro Clav	Pf	FDSP	024:3Band EQ	061:DPCM	007:Rev Stage 2	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP LFO Speed,FDSP Pitch, FDSP LFO Depth	off	off	AWM Pitch
4	A4	Jazz Perc	Or	AWM	001:Chorus 1	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	InsL LFO Freq,InsS LFO Freq	off	AWM Volume	off	off	InsL LFO Freq
5	A5	Fullx4	Or	AWM	001:Chorus 1	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	InsL LFO Freq,InsS LFO Freq	off	AWM DCF Freq	off	off	InsL LFO Freq
6	A6	Cathedral	Or	AWM	000:THRU	043:Exciter	002:Rev Hall 2	004:Chorus 4	off	COM Cho Send	off	InsL HPF Cutoff	off	off	AWM DCF Freq
7	A7	Flamenco	Gt	AWM	024:3Band EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
8	A8	EX Guitar	Gt	FDSP	023:EQ	022:Ambience	006:Rev Stage 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	FDSP Flet Pos,FDSP Pickup Pos	off	off	AWM Pitch
9	A9	Lead Switch	Gt	AWM	016:AMP Simulator	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
10	A10	Boogie	Ba	AN Layer	023:EQ	055:Ensemble Detune	009:Rev White Room	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD, AWM LFO1 PMD	off	AWM Volume	off	off	AN Pitch
11	A11	FretlessLead	Ba	FDSP	024:3Band EQ	004:Chorus 4	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
12	A12	Slapit	Ba	AWM	018:Compressor	058:3Band EQ	003:Rev Room 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
13	A13	Mean Bass	Ba	AWM	014:Distortion	062:V-Distortion	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	InsL Over Drive	off	off	AWM DCF Freq
14	A14	Swell String	St	AWM	000:THRU	058:3Band EQ	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM Pitch
15	A15	Aah Choir	En	AWM	024:3Band EQ	064:Talking Modulator	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM Volume	off	off	InsL Vowel
16	A16	Section	Br	AWM	024:3Band EQ	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Rev Send	off	off	AWM Pitch
17	B1	Earth Lead	Ld	AN Layer	000:THRU	000:THRU	002:Rev Hall 2	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN VCF Freq
18	B2	Mean Lead	Ld	AN FDSP	024:3Band EQ	062:V-Distortion	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AN VCO1 PMD, AN VCO2 PMD	AWM LFO2Depth	InsL D/W Bal	off	off	AN Pitch,AWM Pitch
19	B3	New Drone	Ld	AN Layer	023:EQ	015:Delay LR	002:Rev Hall 2	004:Chorus 4	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN Pitch
20	B4	P5 Sync	Ld	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	FDSP Pitch
21	B5	Rap Whistle	Ld	AN Layer	000:THRU	000:THRU	010:Rev Tunnel	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCO1 Edge	off	off	AN Pitch
22	B6	Abendstern	Pd	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
23	B7	Silverlake	Pd	FDSP	017:Exciter	017:Cross Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
24	B8	VFEX	Pd	FDSP	020:Auto WAH	023:Phaser 1	002:Rev Hall 2	009:Celeste 4	off	AWM LFO1 PMD	off	FDSP Feedback	off	off	AWM DCF Freq
25	B9	Morphyum	Fx	AN Poly	000:THRU	000:THRU	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AN VCO1 PMD	off	off	AN Pitch
26	B10	Rising High	Fx	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
27	B11	Shakuhachi	Et	VL	024:3Band EQ	022:Ambience	001:Rev Hall 1	001:Chorus 1	VL Embouchure	VL PMD	off	VL Growl,VL Pressure	off	off	VL Pitch
28	B12	Natives	Se	AWM	000:THRU	006:Celeste 1	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1 AMD	off	InsL LFO Freq	off	off	AWM Pitch
29	B13	Futopia	Pd	FDSP	000:THRU	055:Ensemble Detune	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
30	B14	Spitter	Sc	FDSP	024:3Band EQ	000:THRU	006:Rev Stage 1	001:Chorus 1	off	AWM LFO2Depth	AWM LFO1 PMD	FDSP Pitch	off	off	AWM Pitch
31	B15	Equi 1998	Sq	AN Layer	023:EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN FEG DcyTim	off	AN VCF HPF	off	off	AN Pitch
32	B16	Juju Temple	Se	AWM	022:Phaser	012:Flanger 3	001:Rev Hall 1	001:Chorus 1	off	AWM LFO2Depth	off	AWM LFO2Speed	off	off	AWM Pitch
33	C1	4 by 4	Dr	AWM	016:AMP Simulator	062:V-Distortion	001:Rev Hall 1	001:Chorus 1	off	AWM LFO2Speed	off	COM Rev Send	off	off	AWM DCF Freq
34	C2	4 Osc Sweep	Fx	AWM	000:THRU	017:Cross Delay	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
35	C3	Countryman	Sc	FDSP	024:3Band EQ	063:V-Flanger	008:Rev Plate	016:Delay L,R	off	AWM LFO1 FMD	off	FDSP Pickup Pos.	off	off	AWM DCF Freq
36	C4	Air Stabs	Sc	AN Poly	010:Flanger 2	017:Cross Delay	001:Rev Hall 1	006:Celeste 1	off	AN VCF FMD	off	AN LFO1 Speed	off	off	AN FEG Depth, AN Sync Depth
37	C5	AnalogSQ	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM FEG Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
38	C6	Art of Love	Vo	FDSP	017:Exciter	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM LFO1 AMD
39	C7	Kick & Snare	Dr	AN Layer	024:3Band EQ	027:Gate Reverb	001:Rev Hall 1	016:Delay L,R	off	AN VCF FMD	off	AN VCF Freq	off	off	AN Pitch
40	C8	Beades	Se	FDSP	000:THRU	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Pitch	off	off	FDSP LFO Depth
41	C9	BigArpeggio	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM FEG Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
42	C10	Big Orch	Co	AWM	024:3Band EQ	054:Pitch Change 2	002:Rev Hall 2	015:Ensemble Detune	off	AWM LFO1 PMD,AWM LFO1 PMD	off	AWM Volume	off	off	AWM DCF Freq
43	C11	Bip	Sc	AWM	022:Phaser	017:Cross Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM DCF Freq
44	C12	Blockhead	Sc	AWM	010:Flanger 2	040:AMP Simulator	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	InsS LFO Freq
45	C13	Blue	Sc	AWM	009:Flanger 1	017:Cross Delay	006:Rev Stage 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM LFO1 AMD
46	C14	Brush 'Em	Gt	AWM	001:Chorus 1	000:THRU	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM AEG D2Tim	off	off	AWM LFO1 PMD
47	C15	Clickbell	Cp	AWM	017:Exciter	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	InsS HPF Cutoff
48	C16	Cloud Nine	Pd	AWM	000:THRU	011:Flanger 2	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq
49	D1	Adventure	Fx	FDSP	000:THRU	015:Delay LR	002:Rev Hall 2	009:Celeste 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
50	D2	Descender	Fx	AN Poly	000:THRU	011:Flanger 2	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	AN LFO1 Speed	off	off	AN VCF Freq, AN VCF Reso
51	D3	Blue Lead	Gt	FDSP	016:AMP Simulator	000:THRU	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1 PMD	off	InsS D/W Bal	off	off	AWM LFO1 PMD
52	D4	DigiWorld	Sq	AWM	024:3Band EQ	053:Pitch Change 1	001:Rev Hall 1	016:Delay L,R	off	AWM LFO2Depth,AWM LFO2Speed	off	InsS EQ M-Gain	off	off	AWM Pitch
53	D5	EX god	Fx	AN Poly	000:THRU	014:Delay LCR	001:Rev Hall 1	002:Chorus 2	off	AN Sync Depth	off	AWM DCF Freq	off	off	AN Pitch
54	D6	Torture	Sc	FDSP	013:Auto Pan	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM PEG D1Tim	off	FDSP PW	off	off	FDSP LFO Speed
55	D7	Witches	En	AWM	004:Chorus 4	064:Talking Modulator	001:Rev Hall 1	015:Ensemble Detune	off	InsS EQ H-Gain	off	InsL Vowel	off	off	InsS LFO Freq, InsS D/W Bal
56	D8	Merapi	Fx	FDSP	004:Chorus 4	050:Stage 1	002:Rev Hall 2	013:Symphonic	off	AWM PEG Depth,AWM PEG D1Tim	off	FDSP Pitch	off	off	FDSP Sub Mod, FDSP Main Mod
57	D9	Evil	Sc	AWM	023:EQ	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM DCF Freq
58	D10	FM Line	Sq	AWM	010:Flanger 2	055:Ensemble Detune	002:Rev Hall 2	016:Delay L,R	off	AWM Volume	off	InsL D/W Bal	off	off	AWM DCF Freq
59	D11	Fanfare	Br	AN Poly	024:3Band EQ	016:Echo	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN LFO1 Speed	off	off	AN VCF FMD
60	D12	Faraway	Se	FDSP	000:THRU	000:THRU	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	FDSP Balance
61	D13	DX Atacky	Pf	AWM	000:THRU	004:Chorus 4	001:Rev Hall 1	006:Celeste 1	off	AWM LFO1 AMD	off	InsL LFO Freq	off	off	AWM Pitch
62	D14	Flivver	Fx	AN Poly	016:AMP Simulator	011:Flanger 2	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	COM Rev Send	off	off	COM Cho Send
63	D15	Dist 5th	Ld	AN Layer	024:3Band EQ	038:Distortion	001:Rev Hall 1	015:Ensemble Detune	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN VCF Freq
64	D16	Flow	Fx	AWM	013:Auto Pan	017:Cross Delay	001:Rev Hall 1	012:Flanger 3	off	InsS LFO Freq	off	AWM FEG Depth	off	off	InsS EQ H-Gain

* Four different types of voice sets are assigned for the Internal 1 (1-32) voices; tables 1-1, 1-2, 1-3 and 1-4 corresponding to the Demonstration Disks 1, 2, 3 and 4, respectively. The same voice sets are assigned for the Internal 1 (33-64) voices. When restoring the factory set data using the Factory Set file (on page 24, Owner's Manual), choose the disk containing the appropriate file.

• The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.

• Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.

• A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
AWM DCF Freq,AWM Volume	InsL EQ L-Gain,InsS EQ L-Gain	InsL EQ H-Gain,InsS EQ H-Gain	AWM AEG AtTim	InsS D/W Bal	COM Rev Send	off
FDSP Drive	FDSP Position	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	InsS D/W Bal,COM Cho Send, InsL L/R Depth	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain,InsS EQ H-Gain	InsL Samp.Freq	FDSP Pitch	COM Cho Send	off
AWM Volume	AWM DCF Freq	InsS EQ L-Gain	InsS EQ H-Gain	InsL LFO Depth,AWM Volume, InsL EQ H-Gain	COM Rev Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	InsL LFO Depth,InsL EQ H-Gain, AWM Volume	COM Rev Send	off
AWM DCF Freq	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	FDSP Pickup Pos.	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN FEG SusLvl	AN VCO2 Edge,AN VCO1 Edge	COM Cho Send	off
FDSP Cutoff	FDSP Picking Pos.	InsS EQ L-Gain	InsS EQ H-Gain	AWM Volume	COM Cho Send,InsL D/W Bal, COM Rev Send	off
InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain	InsS Threshold	InsS Out Level	COM Cho Send	off
AWM DCF Freq	InsS EQ L-Gain	InsS LPF Cutoff,InsS EQ M-Gain	InsL Presence	COM Cho Send,COM Volume	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	InsL Vowel	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AWM Volume, AWM DCF Reso	InsS EQ L-Freq	InsL EQ M-Gain	InsL EQ H-Gain,InsS EQ H-Gain	AWM AEG AtTim	COM Cho Send	off
AN VCF HPF	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AN VCF Freq	AWM DCF Reso,AN VCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	FDSP Overtone,FDSP Ceiling	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send,InsL D/W Bal	off
FDSP Pitch	FDSP Feedback	FDSP LFO Depth	FDSP LFO Speed	COM Rev Send	COM Cho Send	off
AN VCO1 Edge	AN VCF Reso	AN AEG At Tim	AN Port Time	COM Rev Send	COM Cho Send	off
FDSP Wet	AWM Volume	AWM Volume	FDSP Pitch	COM Rev Send,InsL D/W Bal	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Pitch	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN VCO2 PMD	AWM LFO1 FMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM LFO1 FMD	AWM AEG AtTim,AWM KeyOnDly	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
VL Damping	VL Flt Reso	VL Embouchure	VL Brth Noise	COM Rev Send	COM Cho Send	VL Flt Reso, COM Rev Send
AWM DCF Freq	InsL FB Level	AWM AEG AtTim	AWM AEG D1Tim	COM Rev Send	InsL LFO Depth	off
AWM Volume	AWM Volume	AWM Volume	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D2Tim	InsS EQ L-Gain,AWM Volume	FDSP Pitch	COM Cho Send,FDSP LFO Depth	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim,AWM AEG AtTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	InsL FB Level	InsL LFO Freq	COM Rev Send	Arp Tempo	off
AWM Volume	AWM KeyOnDly	AWM KeyOnDly	InsL D/W Bal	InsS D/W Bal	InsS LPF Cutoff	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	InsL EQ M-Gain	AWM FEG R1Tim,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN FEG Depth	AN Sync Depth	AN VCO1 PMD,AN VCO2 PMD	AN AEG At Tim	AN FEG At Tim	InsL FB Level	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth,AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	InsL D/W Bal	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN FEG At Tim	AN VCF HPF	off
FDSP EG Depth	AWM Pitch	AWM AEG AtTim	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM AEG D1Tim	AWM AEG R2Tim,InsL D/W Bal	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	InsL D/W Bal	InsS D/W Bal	InsS LFO Freq	COM Rev Send	off
InsL LPF Cutoff	AWM AEG AtTim	InsL D/W Bal	InsS LFO Freq	InsS FB Level	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	COM Rev Send	InsL D/W Bal	off
AWM DCF Freq	InsS EQ L-Gain	InsS LFO Freq	InsS LFO Depth	AWM Pitch	COM Rev Send	off
AWM DCF Freq	AWM AEG D1Tim	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM AEG AtTim	InsL LFO Depth	InsL LFO Freq,InsL EQ M-Gain	AWM Volume	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG Rl Tim	InsL D/W Bal	InsL LFO Freq,InsL LFO Depth	InsL FB Level	off
InsS Drive	InsS Out Level	InsS LPF Cutoff	InsS D/W Bal	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Cho Send	InsL D/W Bal	off
AN VCF Freq	AWM DCF Reso	AWM LFO1 FMD	AN LFO1 Speed	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	InsS LFO Freq,AWM LFO1Speed	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM AEG R2Tim	AWM KeyOnDly	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	InsL D/W Bal,COM Rev Send, InsS D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN FEG At Tim	InsL D/W Bal,InsL FB Level L	off
AWM AEG AtTim	FDSP PW	FDSP LFO Speed	FDSP LFO Depth	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	InsL FB Level	COM Rev Send	COM Cho Send	off
AN VCF FMD	AN PEG Depth	AN FM Depth	AN Sync Pitch	InsL LFO Freq,InsL LFO Depth, InsL FB Level	InsS D/W Bal	off
AN VCF Freq	AN VCF Reso	AN AEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	InsL D/W Bal	COM Cho Send	off

Internal 1-4 (1-64)

MSB=63
LSB=2

					Effect				Controller						
No.	Bnk	Voice Name	Cat	Type	Ins-S Type	Ins-L Type	Reverb Type	Chorus Type	PB	MW	AT	MW2	FC	BC	Rbn
1	A1	Natural Grnd	Pf	AWM	024:3Band EQ	058:3Band EQ	002:Rev Hall 2	001:Chorus 1	off	COM Cho Send	off	AWM FEG Depth	off	off	AWM Pitch
2	A2	Chorus Bell	Pf	FDSP	023:EQ	055:Ensemble Detune	001:Rev Hall 1	004:Chorus 4	off	InsL D/W Bal	off	AWM DCF Freq	off	off	AWM Pitch
3	A3	Soulful	Pf	FDSP	024:3Band EQ	021:Auto Pan	001:Rev Hall 1	004:Chorus 4	off	InsL LFO Freq	off	InsL L/R Depth	off	off	AWM Pitch
4	A4	Ring Road	Pf	FDSP	000:THRU	000:THRU	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM DCF Freq
5	A5	JazzyBallad	Or	AWM	016:AMP Simulator	019:Rotary Speaker 2	001:Rev Hall 1	003:Chorus 3	off	InsL Rotor,AWM Volume, InsS LPF Cutoff	off	InsL L/H Bal	off	off	InsL Rotor,AWM Volume, InsS LPF Cutoff
6	A6	Fullx4	Or	AWM	001:Chorus 1	018:Rotary Speaker 1	006:Rev Stage 1	001:Chorus 1	off	InsL LFO Freq,InsS LFO Freq	off	AWM DCF Freq	off	off	InsL LFO Freq
7	A7	Hard Rock	Or	AWM	015:Overdrive	018:Rotary Speaker 1	001:Rev Hall 1	004:Chorus 4	off	InsL LFO Freq	off	InsS D/W Bal	off	off	AWM DCF Freq
8	A8	VintStrat	Gt	FDSP	016:AMP Simulator	020:Tremolo	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
9	A9	Strat 4-Way	Gt	AWM	024:3Band EQ	040:AMP Simulator	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
10	A10	Dist Lead	Gt	FDSP	016:AMP Simulator	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
11	A11	Flamenco	Gt	AWM	024:3Band EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
12	A12	18 String	Gt	FDSP	023:EQ	043:Exciter	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
13	A13	Boogie	Ba	AN Layer	023:EQ	055:Ensemble Detune	009:Rev White Room	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD, AWM LFO1 PMD	off	AWM Volume	off	off	AN Pitch
14	A14	Hardsequence	Ba	FDSP	016:AMP Simulator	015:Delay LR	001:Rev Hall 1	014:Phaser	off	FDSP Drive	off	InsS Drive	off	off	FDSP Egde Bias
15	A15	StereoString	St	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM Pitch
16	A16	Veloci Ens	St	AWM	024:3Band EQ	058:3Band EQ	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM Pitch
17	B1	FunkySect	Br	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
18	B2	Smooth Brass	Br	AWM	000:THRU	058:3Band EQ	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
19	B3	Obersync	Br	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
20	B4	Oberhorns	Br	AWM	000:THRU	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
21	B5	Singleline	Ld	AWM	000:THRU	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM FEG Depth	off	off	AWM Pitch
22	B6	New Drone	Ld	AN Layer	023:EQ	015:Delay LR	002:Rev Hall 2	004:Chorus 4	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN Pitch
23	B7	Earth Lead	Ld	AN Layer	000:THRU	000:THRU	002:Rev Hall 2	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN VCF Freq
24	B8	Fusion Tekk	Ld	FDSP	000:THRU	014:Delay LCR	001:Rev Hall 1	015:Ensemble Detune	off	FDSP LFO Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
25	B9	Nightchoir	En	AWM	000:THRU	017:Cross Delay	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
26	B10	Abendstern	Pd	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
27	B11	Rising High	Fx	AWM	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
28	B12	VFEX	Pd	FDSP	020:Auto WAH	023:Phaser 1	002:Rev Hall 2	009:Celeste 4	off	AWM LFO1 PMD	off	FDSP Feedback	off	off	AWM DCF Freq
29	B13	Silverlake	Pd	FDSP	017:Exciter	017:Cross Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
30	B14	Futopia	Pd	FDSP	000:THRU	055:Ensemble Detune	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
31	B15	AnalogSQ	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM FEG Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
32	B16	Equi 1998	Sq	AN Layer	023:EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN FEG DcyTim	off	AN VCF HPF	off	off	AN Pitch
33	C1	4 by 4	Dr	AWM	016:AMP Simulator	062:V-Distortion	001:Rev Hall 1	001:Chorus 1	off	AWM LFO2Speed	off	COM Rev Send	off	off	AWM DCF Freq
34	C2	4 Osc Sweep	Fx	AWM	000:THRU	017:Cross Delay	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
35	C3	Countryman	Sc	FDSP	024:3Band EQ	063:V-Flanger	008:Rev Plate	016:Delay L,R	off	AWM LFO1 FMD	off	FDSP Pickup Pos.	off	off	AWM DCF Freq
36	C4	Air Stabs	Sc	AN Poly	010:Flanger 2	017:Cross Delay	001:Rev Hall 1	006:Celeste 1	off	AN VCF FMD	off	AN LFO1 Speed	off	off	AN FEG Depth,AN Sync Depth
37	C5	AnalogSQ	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM FEG Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
38	C6	Art of Love	Vo	FDSP	017:Exciter	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM LFO1 AMD
39	C7	Kick & Snare	Dr	AN Layer	024:3Band EQ	027:Gate Reverb	001:Rev Hall 1	016:Delay L,R	off	AN VCF FMD	off	AN VCF Freq	off	off	AN Pitch
40	C8	Beades	Se	FDSP	000:THRU	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP Pitch	off	off	FDSP LFO Depth
41	C9	BigArpeggio	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM FEG Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
42	C10	Big Orch	Co	AWM	024:3Band EQ	054:Pitch Change 2	002:Rev Hall 2	015:Ensemble Detune	off	AWM LFO1 PMD,AWM LFO1 PMD	off	AWM Volume	off	off	AWM DCF Freq
43	C11	Bip	Sc	AWM	022:Phaser	017:Cross Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM DCF Freq
44	C12	Blockhead	Sc	AWM	010:Flanger 2	040:AMP Simulator	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	InsS LFO Freq
45	C13	Blue	Sc	AWM	009:Flanger 1	017:Cross Delay	006:Rev Stage 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM LFO1 AMD
46	C14	Brush 'Em	Gt	AWM	001:Chorus 1	000:THRU	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM AEG D2Tim	off	off	AWM LFO1 PMD
47	C15	Clickbell	Cp	AWM	017:Exciter	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	InsS HPF Cutoff
48	C16	Cloud Nine	Pd	AWM	000:THRU	011:Flanger 2	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq
49	D1	Adventure	Fx	FDSP	000:THRU	015:Delay LR	002:Rev Hall 2	009:Celeste 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
50	D2	Descender	Fx	AN Poly	000:THRU	011:Flanger 2	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	AN LFO1 Speed	off	off	AN VCF Freq,AN VCF Reso
51	D3	Blue Lead	Gt	FDSP	016:AMP Simulator	000:THRU	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1 PMD	off	InsS D/W Bal	off	off	AWM LFO1 PMD
52	D4	DigiWorld	Sq	AWM	024:3Band EQ	053:Pitch Change 1	001:Rev Hall 1	016:Delay L,R	off	AWM LFO2Depth,AWM LFO2Speed	off	InsS EQ M-Gain	off	off	AWM Pitch
53	D5	EX god	Fx	AN Poly	000:THRU	014:Delay LCR	001:Rev Hall 1	002:Chorus 2	off	AN Sync Depth	off	AWM DCF Freq	off	off	AN Pitch
54	D6	Torture	Sc	FDSP	013:Auto Pan	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM PEG D1Tim	off	FDSP PW	off	off	FDSP LFO Speed
55	D7	Witches	En	AWM	004:Chorus 4	064:Talking Modulator	001:Rev Hall 1	015:Ensemble Detune	off	InsS EQ H-Gain	off	InsL Vowel	off	off	InsS LFO Freq,InsS D/W Bal
56	D8	Merapi	Fx	FDSP	004:Chorus 4	050:Stage 1	002:Rev Hall 2	013:Symphonic	off	AWM PEG Depth,AWM PEG D1Tim	off	FDSP Pitch	off	off	FDSP Sub Mod.,FDSP Main Mod.
57	D9	Evil	Sc	AWM	023:EQ	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM DCF Freq
58	D10	FM Line	Sq	AWM	010:Flanger 2	055:Ensemble Detune	002:Rev Hall 2	016:Delay L,R	off	AWM Volume	off	InsL D/W Bal	off	off	AWM DCF Freq
59	D11	Fanfare	Br	AN Poly	024:3Band EQ	016:Echo	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN LFO1 Speed	off	off	AN VCF FMD
60	D12	Faraway	Se	FDSP	000:THRU	000:THRU	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	FDSP Balance
61	D13	DX Atacky	Pf	AWM	000:THRU	004:Chorus 4	001:Rev Hall 1	006:Celeste 1	off	AWM LFO1 AMD	off	InsL LFO Freq	off	off	AWM Pitch
62	D14	Flivver	Fx	AN Poly	016:AMP Simulator	011:Flanger 2	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	COM Rev Send	off	off	COM Cho Send
63	D15	Dist 5th	Ld	AN Layer	024:3Band EQ	038:Distortion	001:Rev Hall 1	015:Ensemble Detune	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN VCF Freq
64	D16	Flow	Fx	AWM	013:Auto Pan	017:Cross Delay	001:Rev Hall 1	012:Flanger 3	off	InsS LFO Freq	off	AWM FEG Depth	off	off	InsS EQ H-Gain

* Four different types of voice sets are assigned for the Internal 1 (1-32) voices; tables 1-1, 1-2, 1-3 and 1-4 corresponding to the Demonstration Disks 1, 2, 3 and 4, respectively. The same voice sets are assigned for the Internal 1 (33-64) voices. When restoring the factory set data using the Factory Set file (on page 24, Owner's Manual), choose the disk containing the appropriate file.

- The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.
- Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.
- A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
InsS EQ L-Gain,InsL EQ L-Gain	InsS EQ H-Gain,InsL EQ H-Gain	InsS EQ M-Gain,InsL EQ M-Gain	AWM AEG AtTim	AWM AEG R2Tim	AWM FEG Depth	off
AWM Volume	AWM Volume	FDSP Drive	FDSP Position	COM Rev Send	COM Cho Send	off
InsS EQ L-Gain	InsS EQ H-Gain	InsL L/R Depth	InsL LFO Freq	COM Rev Send	AWM Volume	off
FDSP Pitch	FDSP Sub Freq.	AWM AEG D3Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	InsL L/H Bal	COM Rev Send	InsL Rotor,AWM Volume, InsS LPF Cutoff	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	InsL LFO Depth,InsL EQ H-Gain, AWM Volume	COM Rev Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Volume	COM Rev Send	InsL D/W Bal	off
FDSP Cutoff	AWM Volume	FDSP Flet Pos.	InsL AM Depth	COM Rev Send	COM Cho Send	off
InsS EQ L-Gain	InsS EQ M-Gain	InsS EQ H-Gain	InsS EQ M-Freq	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	COM Rev Send	COM Cho Send	off
InsS EQ L-Gain	InsS EQ L-Freq	InsS EQ H-Gain	FDSP Drive	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN FEG SusLvl	AN VCO2 Edge,AN VCO1 Edge	COM Cho Send	off
FDSP Drive	FDSP Egde Bias	FDSP Ceiling	InsL D/W Bal	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AWM AEG D2Tim	AWM AEG D3Tim	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain	AWM Volume	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM FEG Depth	AWM FEG D1Tim	AWM FEG D3Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	AWM AEG AtTim,AWM FEG D1Tim	AWM Pitch,Assign Off	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send,InsL D/W Bal	off
AN VCF HPF	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
FDSP Wet	AWM Volume	AWM Volume	FDSP Pitch	COM Rev Send,InsL D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM LFO1 FMD	AWM AEG AtTim,AWM KeyOnDly	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	AWM Pitch	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	AWM Volume	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim,AWM AEG AtTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM Volume	AWM KeyOnDly	AWM KeyOnDly	InsL D/W Bal	InsS D/W Bal	InsS LPF Cutoff	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	InsL EQ M-Gain	AWM FEG R1Tim,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN FEG Depth	AN Sync Depth	AN VCO1 PMD,AN VCO2 PMD	AN AEG At Tim	AN FEG At Tim	InsL FB Level	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth,AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	InsL D/W Bal	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN FEG At Tim	AN VCF HPF	off
FDSP EG Depth	AWM Pitch	AWM AEG AtTim	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM AEG D1Tim	AWM AEG R2Tim,InsL D/W Bal	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume	InsL D/W Bal	InsS D/W Bal	InsS LFO Freq	COM Rev Send	off
InsL LPF Cutoff	AWM AEG AtTim	InsL D/W Bal	InsS LFO Freq	InsS FB Level	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	COM Rev Send	InsL D/W Bal	off
AWM DCF Freq	InsS EQ L-Gain	InsS LFO Freq	InsS LFO Depth	AWM Pitch	COM Rev Send	off
AWM DCF Freq	AWM AEG D1Tim	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM AEG AtTim	InsL LFO Depth	InsL LFO Freq,InsL EQ M-Gain	AWM Volume	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG Rl Tim	InsL D/W Bal	InsL LFO Freq,InsL LFO Depth	InsL FB Level	off
InsS Drive	InsS Out Level	InsS LPF Cutoff	InsS D/W Bal	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Cho Send	InsL D/W Bal	off
AN VCF Freq	AWM DCF Reso	AWM LFO1 FMD	AN LFO1 Speed	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	InsS LFO Freq,AWM LFO1Speed	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM AEG R2Tim	AWM KeyOnDly	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM Volume,AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	InsL D/W Bal,COM Rev Send, InsS D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN FEG At Tim	InsL D/W Bal,InsL FB Level L	off
AWM AEG AtTim	FDSP PW	FDSP LFO Speed	FDSP LFO Depth	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	InsL FB Level	COM Rev Send	COM Cho Send	off
AN VCF FMD	AN PEG Depth	AN FM Depth	AN Sync Pitch	InsL LFO Freq,InsL LFO Depth, InsL FB Level	InsS D/W Bal	off
AN VCF Freq	AN VCF Reso	AN AEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	InsL D/W Bal	COM Cho Send	off

Internal 1 (65-128)

MSB=63
LSB=2

					Effect				Controller						
No.	Bnk	Voice Name	Cat	Type	Ins-S Type	Ins-L Type	Reverb Type	Chorus Type	PB	MW	AT	MW2	FC	BC	Rbn
65	E1	House Piano	Pf	FDSP	024:3Band EQ	022:Ambience	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	InsL EQ H-Gain	off	off	AWM Pitch
66	E2	Stage Stack	Co	AWM	017:Exciter	004:Chorus 4	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
67	E3	Funky Syn	Sc	AWM	000:THRU	015:Delay LR	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM DCF Freq
68	E4	Genaside	Se	AN Poly	016:AMP Simulator	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN FEG Depth	off	off	AN Pitch
69	E5	Silent Lead	Gt	FDSP	000:THRU	000:THRU	002:Rev Hall 2	017:Ctrl. Delay	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM LFO1 PMD
70	E6	Hard Groove	Sq	FDSP	000:THRU	000:THRU	001:Rev Hall 1	017:Ctrl. Delay	off	FDSP Overtone	off	FDSP Drive	off	off	FDSP Egde Bias
71	E7	Harmonics	Fx	AWM	013:Auto Pan	017:Cross Delay	001:Rev Hall 1	012:Flanger 3	off	COM Rev Send	off	InsS EQ L-Gain,InsS EQ H-Gain	off	off	COM Cho Send
72	E8	Harptar	Et	AWM	024:3Band EQ	043:Exciter	001:Rev Hall 1	011:Flanger 2	off	AWM LFO1 PMD	AWM LFO1 PMD	InsL Drive	off	off	AWM Pitch
73	E9	HealthSector	Pd	AWM	024:3Band EQ	015:Delay LR	007:Rev Stage 2	001:Chorus 1	off	AWM LFO2Depth	off	InsS EQ M-Gain	off	off	AWM LFO1 FMD
74	E10	House Org	Ba	AWM	023:EQ	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
75	E11	Impact	Fx	AWM	024:3Band EQ	052:Plate	009:Rev White Room	003:Chorus 3	off	AWM LFO1Speed,AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM LFO2Depth
76	E12	So Deep	Fx	AWM	000:THRU	000:THRU	002:Rev Hall 2	013:Symphonic	off	AWM FEG D2Tim,AWM FEG Depth	off	AWM Volume	off	off	AWM LFO2Depth
77	E13	Jungle Call	Dr	AWM	016:AMP Simulator	062:V-Distortion	001:Rev Hall 1	001:Chorus 1	off	AWM LFO2Speed	off	COM Rev Send	off	off	AWM DCF Freq
78	E14	Glass Strat	Gt	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	FDSP Cutoff	off	off	AWM Pitch
79	E15	Lazy Sweep	Pd	AWM	022:Phaser	057:2Band EQ	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
80	E16	LoFi	Ld	AN Layer	015:Overdrive	062:V-Distortion	001:Rev Hall 1	010:Flanger 1	off	AN VCO1 PMD,AN VCO2 PMD	off	InsL Over Drive	off	off	AN Pitch
81	F1	LoFiJazzComb	Co	AWM	015:Overdrive	072:Digital Turntable	001:Rev Hall 1	001:Chorus 1	off	InsL Noise Lev,InsL Clk Level	off	InsS EQ M-Freq	off	off	AWM Pitch
82	F2	Loved Up	Sc	FDSP	004:Chorus 4	055:Ensemble Detune	006:Rev Stage 1	016:Delay L,R	off	AWM LFO1 PMD	off	FDSP Balance	off	off	InsL EQ H-Gain
83	F3	LoDistortion	Gt	AWM	016:AMP Simulator	042:Comp Distortion	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
84	F4	Jaw Harp	Se	AWM	024:3Band EQ	064:Talking Modulator	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	AWM Pitch	InsL Vowel,AWM DCF Freq	off	off	AWM Pitch
85	F5	Mars	Pd	AWM	000:THRU	011:Flanger 2	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	InsL LFO Freq	off	off	AWM Pitch
86	F6	Minor Vocals	Ld	AWM	017:Exciter	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	off	off	AWM DCF Freq	off	off	AWM DCF Freq
87	F7	Mr.Evolvo	Pd	FDSP	010:Flanger 2	055:Ensemble Detune	001:Rev Hall 1	013:Symphonic	off	AWM LFO1 PMD,AWM LFO2Depth	AWM LFO1Speed	AWM LFO1 FMD	off	off	AWM Pitch
88	F8	Multiplies	Se	AWM	000:THRU	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	AWM LFO2Depth	off	AWM LFO1Speed	off	off	AWM Pitch
89	F9	Dist Lead	Gt	FDSP	016:AMP Simulator	058:3Band EQ	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
90	F10	Nee-owng	Sc	FDSP	000:THRU	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	FDSP Feedback
91	F11	Sucker	Ld	AWM	003:Chorus 3	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
92	F12	Phone Wires	Se	FDSP	017:Exciter	045:Hall 1	000:Off	001:Chorus 1	off	AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM Pitch
93	F13	Pop	Sq	AWM	000:THRU	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	COM Rev Send	off	off	AWM DCF Freq
94	F14	Pro Lead	Ld	AN Poly	000:THRU	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN LFO1 Speed	off	off	AN VCF Freq
95	F15	Warp	Fx	FDSP	013:Auto Pan	013:Symphonic	005:Rev Room 3	001:Chorus 1	off	AWM PEG Depth	off	COM Rev Send	off	off	InsS EQ L-Gain,InsS EQ H-Gain
96	F16	PulseBack	Br	FDSP	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
97	G1	Six String	Gt	AWM	017:Exciter	058:3Band EQ	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
98	G2	Reso Choir	En	AWM	024:3Band EQ	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM PEG Depth	off	InsS EQ L-Gain	off	off	InsS EQ M-Gain
99	G3	Ricochet	Sq	AWM	015:Overdrive	000:THRU	001:Rev Hall 1	016:Delay L,R	off	COM Rev Send	off	AWM FEG Depth	off	off	InsS D/W Bal
100	G4	Ring Mod EP2	Pf	FDSP	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 AMD	off	FDSP Main Mod.	off	off	AWM Pitch
101	G5	Suitcase3	Pf	FDSP	016:AMP Simulator	021:Auto Pan	001:Rev Hall 1	014:Phaser	off	InsL LFO Freq	off	InsL L/R Depth	off	off	AWM Pitch
102	G6	Ring Leader	Cp	AN Poly	000:THRU	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN LFO1 Speed	off	off	AN VCF Freq
103	G7	WarmDrive	Gt	AWM	000:THRU	077:Comp+Odrv+Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
104	G8	Silver	Gt	AWM	016:AMP Simulator	020:Tremolo	001:Rev Hall 1	013:Symphonic	off	AWM LFO1 PMD	off	InsS Drive,InsS Out Level	off	off	AWM Pitch
105	G9	Reece EP	Cp	FDSP	013:Auto Pan	017:Cross Delay	006:Rev Stage 1	014:Phaser	off	InsS L/R Depth	off	FDSP Drive	off	off	AWM LFO1 PMD
106	G10	Trolddom	Fx	FDSP	024:3Band EQ	022:Ambience	001:Rev Hall 1	016:Delay L,R	off	off	FDSP Dry	FDSP Pitch	off	off	AWM Pitch
107	G11	G-Bass	Ba	AN Poly	024:3Band EQ	071:Attack Lofi	001:Rev Hall 1	016:Delay L,R	off	AN VCO2 Edge	off	AN Feedback	off	off	COM Port SW,AN Port Time
108	G12	Soda Straw	Fx	AN Poly	022:Phaser	016:Echo	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	COM Rev Send	off	off	AN Sync Pitch
109	G13	Squash	Se	AN Poly	000:THRU	063:V-Flanger	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO1 PMD	off	AN LFO1 Speed	off	off	AN Sync Pitch
110	G14	ActiveBass	Ba	FDSP	016:AMP Simulator	058:3Band EQ	009:Rev White Room	003:Chorus 3	off	AWM LFO1 PMD	off	FDSP Cutoff	off	off	AWM Pitch
111	G15	Stonk	Sc	AWM	018:Compressor	058:3Band EQ	007:Rev Stage 2	003:Chorus 3	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM Pitch
112	G16	Strangg'e	Sc	FDSP	017:Exciter	055:Ensemble Detune	001:Rev Hall 1	013:Symphonic	off	AWM LFO1 PMD	off	FDSP Wet	off	off	FDSP Pitch
113	H1	NewAge	Fx	AWM	004:Chorus 4	000:THRU	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
114	H2	Sweet Chords	Sq	AWM	017:Exciter	055:Ensemble Detune	002:Rev Hall 2	016:Delay L,R	off	AWM FEG Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
115	H3	Sweet Pulse	Ld	AN Poly	023:EQ	000:THRU	002:Rev Hall 2	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN Port Time	off	off	AN VCF Freq
116	H4	Swirl	Pd	FDSP	024:3Band EQ	003:Chorus 3	009:Rev White Room	016:Delay L,R	off	FDSP LFO Depth	off	AWM DCF Freq	off	off	AWM DCF Freq
117	H5	Sync Pad	Pd	AN Poly	000:THRU	063:V-Flanger	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN Sync Pitch	off	off	AN Pitch
118	H6	Synthboy	Ba	AN Poly	016:AMP Simulator	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN LFO1 Speed	off	off	AN VCF Freq
119	H7	Talk	Ld	AWM	016:AMP Simulator	064:Talking Modulator	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD	off	InsL Vowel	off	off	InsL Vowel
120	H8	Holy Light	Fx	FDSP	000:THRU	015:Delay LR	001:Rev Hall 1	006:Celeste 1	off	AWM LFO1 PMD	off	FDSP Pitch	off	off	AWM Pitch
121	H9	TengJing	Fx	AWM	000:THRU	073:Jump	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 AMD	off	InsL Speed	off	off	AWM Pitch
122	H10	TimeWalk	Se	AWM	000:THRU	024:Phaser 2	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 AMD	off	AWM LFO1Speed	off	off	AWM Pitch
123	H11	Tine Bell	Cp	FDSP	013:Auto Pan	055:Ensemble Detune	003:Rev Room 1	002:Chorus 2	off	AWM LFO2Depth	off	InsS L/R Depth	off	off	AWM DCF Freq
124	H12	Tringle	Ld	AWM	024:3Band EQ	014:Delay LCR	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
125	H13	Utopia	Pd	AWM	024:3Band EQ	053:Pitch Change 1	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq
126	H14	Vega Bass	Ba	AWM	016:AMP Simulator	026:Early Ref 2	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 FMD	off	InsS D/W Bal	off	off	AWM Volume
127	H15	Velo City	Pd	FDSP	004:Chorus 4	017:Cross Delay	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM DCF Freq
128	H16	Reed Amp	Pf	AWM	024:3Band EQ	040:AMP Simulator	007:Rev Stage 2	016:Delay L,R	off	AWM LFO1 AMD	off	InsL Drive,InsL LPF Cutoff	off	off	AWM DCF Freq

• The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.

• Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.

• A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
InsS EQ L-Gain	InsS EQ M-Gain	InsS EQ H-Gain	InsS EQ H-Freq	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM Volume	AWM Volume	COM Rev Send,COM Cho Send	InsL D/W Bal	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN FEG Depth	AN VCF Reso	AN FEG At Tim	AN Sync Depth	AN FM Depth	AN VCF HPF	off
AWM DCF Freq	AWM DCF Reso	AWM AEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM Volume	FDSP Drive	FDSP Overtone	FDSP Egde Bias	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM FEG R2Tim,AWM FEG R1Tim	AWM AEG R2Tim	InsL D/W Bal	off
AWM DCF Freq	AWM DCF Reso,AWM Volume	AWM AEG D1Tim,AWM AEG D2Tim	AWM FEG R1Tim,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Reso	InsS EQ L-Gain	InsS EQ M-Gain	InsS EQ H-Gain	COM Rev Send,InsL D/W Bal, COM Cho Send	AWM Volume,AWM Volume	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM KeyOnDly	AWM AEG R2Tim	AWM PEG Depth	COM Cho Send,COM Rev Send	off
AWM Volume	AWM Volume	InsS D/W Bal	InsS LPF Cutoff	COM Cho Send	AWM Pitch	off
FDSP Cutoff	FDSP Picking Pos.	FDSP Flet Pos.	AWM Volume	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG DcyTim	AN AEG Rl Tim	InsS Drive,InsS LPF Cutoff	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ M-Freq	InsL Noise Lev,InsL Clk Level	COM Rev Send	COM Cho Send	off
InsL EQ H-Gain	AWM PEG Depth	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL LPF Cutoff,InsS LPF Cutoff	InsL Drive	InsS Drive	InsL Threshold	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	InsL Vowel	off
AWM DCF Freq	InsL FB Level	InsL LFO Depth	AWM LFO1 FMD	AWM AEG R2Tim	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG D2Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim,AWM KeyOnDly,AWM FEG D1Tim, AWM KeyOnDly,AWM AEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM LFO2Speed	AWM LFO1 FMD	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsL EQ H-Gain	COM Rev Send	COM Cho Send	off
FDSP Pitch	FDSP Wet	InsL D/W Bal,InsL FB Level	FDSP EG Depth	FDSP LFO Depth	FDSP LFO Speed	off
AWM DCF Freq,AWM FEG Depth	AWM DCF Reso	AWM Volume,AWM Volume	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	COM Cho Send,InsS LFO Depth, COM Volume	off
FDSP Pitch	FDSP Sub Freq.	FDSP Main Mod.	AWM AEG R2Tim	COM Rev Send,InsL D/W Bal	InsS Mix Level	off
AWM DCF Freq	AWM Volume	AWM Volume	AWM Pitch	AWM Pitch	Arp Tempo	off
AN VCF Freq	AN AEG At Tim	AN AEG Rl Tim	AN FEG Rl Tim	AN Sync Pitch	InsL D/W Bal,COM Rev Send	off
AWM FEG Depth	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	FDSP LFO Speed	InsS LFO Freq	off
AWM DCF Freq	AWM FEG Depth	AWM FEG D1Tim	AWM FEG D3Tim,AWM FEG D2Tim	COM Rev Send	COM Cho Send	off
InsL EQ L-Gain	InsL EQ H-Gain	InsS Mix Level	InsS HPF Cutoff	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso,AWM Volume	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	InsL D/W Bal	COM Cho Send,COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	COM Cho Send	AWM Volume	AWM Volume	AWM Volume	off
FDSP Main Freq.	AWM DCF Reso	FDSP Pitch	FDSP Sub Freq.	COM Rev Send	COM Cho Send	off
InsL EQ L-Freq	InsL EQ H-Gain	InsL L/R Depth	InsL LFO Freq	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN AEG At Tim,AN FEG At Tim	AN AEG Rl Tim,AN FEG Rl Tim	AN Sync Pitch	AN FM Depth	InsL D/W Bal	off
AWM FEG Depth	InsL Dst Mid G	AWM AEG AtTim	AWM AEG D1Tim	COM Rev Send	COM Cho Send	off
InsL LFO Freq	InsL AM Depth	InsL EQ L-Gain	InsL EQ M-Gain	InsL EQ H-Gain	COM Rev Send	off
AWM DCF Freq	FDSP Position	FDSP Cutoff	AWM AEG R2Tim,AWM FEG R1Tim	InsL D/W Bal	InsS LFO Freq	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	InsL EQ H-Gain	COM Rev Send	FDSP Dry	off
AN VCF HPF	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim,AN FEG Rl Tim	COM Rev Send	COM Cho Send	off
AN Sync Pitch	AN LFO1 Speed	AN AEG Rl Tim	AN PEG DcyTim	InsS D/W Bal	InsS LFO Freq	off
AN VCF Freq	AN AEG At Tim	AN AEG Rl Tim,AN FEG Rl Tim	AN Sync Pitch	InsL LFO Freq	InsL LFO Depth	off
FDSP Cutoff	InsL EQ L-Freq	FDSP Flet Pos.	AWM Volume	InsL EQ L-Gain	InsL EQ H-Gain	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D2Tim,AWM FEG D3Tim,AWM AEG D1Tim, AWM AEG D2Tim,AWM FEG Depth	AWM AEG R1Tim	COM Rev Send	COM Cho Send	off
AWM Volume	AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	FDSP LFO Depth	COM Cho Send,COM Volume	off
AN VCF Freq,AWM DCF Freq	AN VCF Reso	AN VCA AMD	AWM Volume,AN Volume	InsL LFO Freq	InsL LFO Depth	off
AN VCF Freq	AN AEG At Tim,AN FEG At Tim	AN FEG DcyTim	InsL EQ M-Gain	COM Cho Send	InsS D/W Bal	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	InsL Vowel	COM Rev Send	AWM Volume	off
FDSP Pitch	AWM PAN	AWM AEG AtTim	AWM AEG R2Tim	FDSP Feedback	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	InsL Speed	COM Rev Send	COM Cho Send	off
AWM LFO1 AMD	AWM LFO1 PMD	AWM AEG AtTim	InsL LFO Freq	COM Rev Send	COM Cho Send	off
AWM DCF Freq	InsS EQ H-Gain	AWM Volume	AWM AEG D1Tim,AWM AEG D2Tim	InsL D/W Bal,COM Cho Send	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D1Tim	COM Rev Send	InsL D/W Bal	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG D1Tim	AWM Pitch	AWM Pitch	off
AWM DCF Freq	AWM DCF Reso	AWM PEG D1Tim	AWM AEG R2Tim	InsL D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	AWM LFO1Speed	AWM LFO1 AMD	off

Internal 2 (1-64)

MSB=63
LSB=3

					Effect				Controller						
No.	Bnk	Voice Name	Cat	Type	Ins-S Type	Ins-L Type	Reverb Type	Chorus Type	PB	MW	AT	MW2	FC	BC	Rbn
1	A1	Equi 1998	Sq	AN Layer	023:EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN FEG DcyTim	off	AN VCF HPF	off	off	AN Pitch
2	A2	RoboTribeAT	Sq	AWM	016:AMP Simulator	064:Talking Modulator	011:Rev Basement	016:Delay L,R	off	AWM LFO1 PMD	InsL Vowel	InsS Out Level	off	off	InsL Vowel
3	A3	Sync Echo	Sq	AWM	013:Auto Pan	015:Delay LR	001:Rev Hall 1	014:Phaser	off	AWM FEG D1Tim	off	InsL D/W Bal	off	off	AWM DCF Freq
4	A4	Zambeezi	Sq	AN Poly	016:AMP Simulator	053:Pitch Change 1	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	COM Rev Send	off	off	AN VCF Freq
5	A5	BasslineA	Ba	AN Poly	023:EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN VCO1 PW	off	AN Sync Pitch	off	off	AN VCO1 Edge
6	A6	BasslineB	Ba	AN Poly	023:EQ	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN Sync Pitch	off	AN Sync Pitch	off	off	AN VCO1 Edge
7	A7	Dry Syn	Ba	AWM	000:THRU	000:THRU	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
8	A8	Hardsequence	Ba	FDSP	016:AMP Simulator	015:Delay LR	001:Rev Hall 1	014:Phaser	off	FDSP Drive	off	InsS Drive	off	off	FDSP Egde Bias
9	A9	StrobeBass A	Ba	AN Layer	023:EQ	000:THRU	001:Rev Hall 1	003:Chorus 3	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq, AN VCF Freq	off	off	AN VCF Freq,AN VCF Freq
10	A10	AnaSweep	Ba	AWM	000:THRU	000:THRU	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
11	A11	Bwacka Bass	Ba	FDSP	024:3Band EQ	000:THRU	011:Rev Basement	001:Chorus 1	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM Pitch
12	A12	Talkin' Bass	Ba	FDSP	024:3Band EQ	058:3Band EQ	011:Rev Basement	010:Flanger 1	off	AWM LFO1 PMD	off	InsS EQ L-Gain	off	off	AWM Pitch
13	A13	Hardstep	Ba	AN Poly	000:THRU	022:Ambience	001:Rev Hall 1	016:Delay L,R	off	AN Sync Pitch	off	AN VCO2 Edge	off	off	AN Feedback
14	A14	SH Acid	Ba	AWM	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM Volume	off	off	AWM FEG Depth
15	A15	Sub Bass	Ba	AWM	024:3Band EQ	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM FEG Depth	off	off	AWM Pitch
16	A16	Massive FM	Ba	FDSP	024:3Band EQ	053:Pitch Change 1	007:Rev Stage 2	001:Chorus 1	off	AWM LFO1 PMD	off	FDSP EG Depth	off	off	InsS EQ L-Gain
17	B1	Mean Bass	Ba	AWM	014:Distortion	062:V-Distortion	001:Rev Hall 1	003:Chorus 3	off	AWM LFO1 PMD	off	InsL Over Drive	off	off	AWM DCF Freq
18	B2	Lately Bass	Ba	AWM	024:3Band EQ	016:Echo	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD	off	AWM PEG Depth	off	off	AWM Pitch
19	B3	Speed	Ba	AWM	024:3Band EQ	022:Ambience	001:Rev Hall 1	013:Symphonic	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM Pitch
20	B4	Kangaroo	Ba	AN Poly	016:AMP Simulator	011:Flanger 2	001:Rev Hall 1	016:Delay L,R	off	AN AEG Rl Tim	off	AN VCF HPF, AN VCA Volume	off	off	AN Port Time,COM Port SW
21	B5	Plastic Box	Ba	AN Poly	016:AMP Simulator	016:Echo	003:Rev Room 1	001:Chorus 1	off	AN VCO1 PMD	off	InsS Drive	off	off	AN FEG Rl Tim,AN AEG Rl Tim
22	B6	Tosser	Ba	AN Poly	014:Distortion	015:Delay LR	003:Rev Room 1	013:Symphonic	off	AN VCF Freq	off	AN VCO2 Edge, AN VCO1 Edge	off	off	AN VCF HPF
23	B7	Wave Bass	Ba	AN Poly	024:3Band EQ	022:Ambience	007:Rev Stage 2	017:Ctrl. Delay	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN VCO2 Edge,AN VCO1 Edge
24	B8	Velo Sub	Ba	AWM	024:3Band EQ	015:Delay LR	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq
25	B9	Mondoloid	Ba	AN Layer	023:EQ	022:Ambience	001:Rev Hall 1	001:Chorus 1	off	off	off	AN Feedback, AN VCF Reso	off	off	AN Pitch
26	B10	Hollow Bass	Ba	AWM	023:EQ	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
27	B11	Techline AN	Ba	AN Layer	016:AMP Simulator	032:Auto WAH	001:Rev Hall 1	016:Delay L,R	off	InsL LFO Freq	off	InsS Drive	off	off	AN Pitch
28	B12	3 Pole Reso	Ba	AWM	000:THRU	000:THRU	001:Rev Hall 1	009:Celeste 4	off	AWM LFO1 PMD	off	COM Cho Send	off	off	AWM LFO1Speed
29	B13	Slipmat	Ld	FDSP	024:3Band EQ	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	InsL D/W Bal	off	InsS EQ H-Gain	off	off	AWM Pitch
30	B14	Fusion Tekk	Ld	FDSP	000:THRU	014:Delay LCR	001:Rev Hall 1	015:Ensemble Detune	off	FDSP LFO Depth	off	InsL D/W Bal	off	off	AWM DCF Freq
31	B15	Minor Syn	Ld	AWM	023:EQ	015:Delay LR	001:Rev Hall 1	004:Chorus 4	off	AWM DCF Freq	off	InsL D/W Bal	off	off	AWM DCF Freq
32	B16	Fat Hook	Ld	AWM	016:AMP Simulator	015:Delay LR	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM DCF Freq
33	C1	Chemistry	Ld	AWM	000:THRU	000:THRU	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1Speed	off	AWM Volume	off	off	AWM DCF Freq
34	C2	Rap Whistle	Ld	AN Layer	000:THRU	000:THRU	010:Rev Tunnel	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCO1 Edge	off	off	AN Pitch
35	C3	MonoLead AN	Ld	AN Layer	024:3Band EQ	017:Cross Delay	001:Rev Hall 1	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN Pitch
36	C4	Sync Lead 2	Ld	AN Layer	024:3Band EQ	061:DPCM	001:Rev Hall 1	016:Delay L,R	off	AN VCO1 PMD,AN VCO2 PMD	off	AN VCF Freq	off	off	AN Sync Pitch
37	C5	Talk Mod	Ld	VL	016:AMP Simulator	064:Talking Modulator	001:Rev Hall 1	011:Flanger 2	off	VL PMD,AWM LFO1 PMD	off	InsL Vowel	off	VL Amplitude	InsL Vowel
38	C6	Mean Lead	Ld	AN FDSP	024:3Band EQ	062:V-Distortion	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD,AN VCO1 PMD, AN VCO2 PMD	AWM LFO2Depth	InsL D/W Bal	off	off	AN Pitch,AWM Pitch
39	C7	Trippy	Ld	AWM	024:3Band EQ	040:AMP Simulator	005:Rev Room 3	004:Chorus 4	off	InsL Drive	off	AWM AEG R2Tim, AWM FEG R1Tim	off	off	AWM FEG Depth
40	C8	Acid Saw	Ld	AWM	024:3Band EQ	040:AMP Simulator	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD	off	InsL Drive	off	off	InsL LPF Cutoff
41	C9	CompuTech	Ld	AN Poly	014:Distortion	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AN VCO1 PMD	off	AN Sync Pitch	off	off	AN Pitch
42	C10	Organic	Ld	AWM	007:Celeste 3	024:Phaser 2	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM LFO2Depth	off	off	AWM LFO2Speed
43	C11	HPF Attack	Ld	AWM	024:3Band EQ	040:AMP Simulator	001:Rev Hall 1	017:Ctrl. Delay	off	AWM FEG D2Tim,AWM FEG D1Tim	off	AWM PEG Depth, AWM PEG D1Tim	off	off	COM Cho Send
44	C12	Sync Lead 3	Ld	AN Poly	000:THRU	017:Cross Delay	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN Sync Pitch	off	off	AN VCO1 Edge,AN VCO2 Edge
45	C13	Thor	Ld	FDSP	000:THRU	032:Auto WAH	007:Rev Stage 2	001:Chorus 1	off	AWM LFO2Depth	off	FDSP Drive	off	off	FDSP Cutoff
46	C14	PointySquare	Ld	AN Layer	000:THRU	014:Delay LCR	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	COM Cho Send, COM Volume	off	off	AN Pitch
47	C15	VocoLoco	Ld	AN Poly	000:THRU	061:DPCM	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD	off	AN LFO2 Speed	off	off	AN Sync Pitch
48	C16	StrayCat	Ld	AN Poly	024:3Band EQ	014:Delay LCR	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	AN VCF Freq	off	off	AN Pitch
49	D1	Vortex	Pd	FDSP	000:THRU	000:THRU	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO1 AMD	off	AWM LFO1Speed	off	off	FDSP Pitch
50	D2	Ghosts	Pd	AWM	000:THRU	055:Ensemble Detune	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
51	D3	Oasis	Pd	FDSP	013:Auto Pan	017:Cross Delay	002:Rev Hall 2	009:Celeste 4	off	AWM LFO1 PMD	off	InsS LFO Freq	off	off	FDSP Drive
52	D4	Paris	Pd	AWM	000:THRU	024:Phaser 2	002:Rev Hall 2	004:Chorus 4	off	AWM LFO1 PMD	off	InsL D/W Bal	off	off	AWM DCF Freq
53	D5	Big Wave	Pd	AWM	013:Auto Pan	001:Chorus 1	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	InsL LFO Freq	off	off	AWM Pitch
54	D6	LunaPad MW	Pd	AWM	000:THRU	000:THRU	009:Rev White Room	014:Phaser	off	AWM LFO1 PMD	off	AWM LFO2Depth	off	off	AWM DCF Freq
55	D7	Vapor	Pd	AWM	000:THRU	015:Delay LR	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
56	D8	Paddalicious	Pd	FDSP	013:Auto Pan	055:Ensemble Detune	001:Rev Hall 1	001:Chorus 1	off	AWM LFO2Depth	FDSP LFO Speed	AWM LFO1 FMD	off	off	AWM LFO1Speed
57	D9	Smoke Pad	Pd	FDSP	024:3Band EQ	000:THRU	001:Rev Hall 1	013:Symphonic	off	AWM LFO1 PMD	off	FDSP Pitch, FDSP Pitch EG Dpt	off	off	AWM Pitch
58	D10	Stalactite	Pd	FDSP	000:THRU	011:Flanger 2	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	FDSP Pitch	off	off	FDSP Main Mod.
59	D11	VariPad	Pd	FDSP	000:THRU	054:Pitch Change 2	009:Rev White Room	016:Delay L,R	off	FDSP Pitch	off	FDSP Sub Freq.	off	off	AWM Pitch
60	D12	FlangOrg	Pd	FDSP	000:THRU	021:Auto Pan	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	FDSP LFO Speed	off	off	FDSP Pitch
61	D13	Deep Blue	Pd	AN Poly	000:THRU	000:THRU	001:Rev Hall 1	002:Chorus 2	off	AN FM Depth,AN VCF FMD, AN Sync Pitch	off	off	off	off	AN Pitch
62	D14	Sky Organ	Pd	FDSP	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 AMD	off	FDSP LFO Speed	off	off	AWM Pitch
63	D15	ComeOnHigh	Pd	FDSP	024:3Band EQ	058:3Band EQ	002:Rev Hall 2	001:Chorus 1	off	AWM LFO1 FMD,AWM LFO1 AMD	off	FDSP Pitch	off	off	FDSP LFO Speed
64	D16	BitterSweet	Pd	AWM	024:3Band EQ	023:Phaser 1	003:Rev Room 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM Volume	off	off	AWM LFO1 FMD

- The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.
- Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.
- A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
AN VCF Freq	AN VCF Reso	AN AEG At Tim,AWM AEG AtTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS LPF Cutoff	AWM FEG Depth	AWM Pitch	Arp Tempo	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM Volume	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN Sync Pitch	InsL D/W Bal	InsS D/W Bal	Arp Tempo	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
FDSP Drive	FDSP Egde Bias	FDSP Ceiling	InsL D/W Bal	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Freq	AN FEG DcyTim	AN FEG DcyTim	AN VCO1 PW,AN VCO2 PW	InsS EQ L-Gain	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	AWM AEG AtTim	AWM AEG R2Tim	off
AWM FEG Depth,FDSP Drive	AWM DCF Reso	AWM AEG AtTim	AWM AEG R1Tim	COM Rev Send	COM Volume,COM Cho Send	off
AN VCF Freq	AN VCF HPF	AN VCF Reso	AN AEG At Tim	AN FEG Rl Tim	COM Rev Send	off
AWM FEG Depth	AWM DCF Reso	AWM FEG D1Tim,AWM AEG AtTim	AWM FEG R1Tim,AWM AEG R2Tim	InsL D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	InsS EQ L-Gain	InsS EQ M-Gain	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim,AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	InsL D/W Bal	off
AWM DCF Freq	InsS EQ L-Gain	InsS LPF Cutoff,InsS EQ M-Gain	InsL Presence	COM Cho Send,COM Volume	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	InsL D/W Bal	InsS EQ M-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM FEG Depth	AWM DCF Reso	AWM FEG D1Tim	AWM PEG D3Tim,AWM PEG D2Tim	AWM AEG R1Tim,AWM AEG R2Tim	off
AN FEG Depth	AN VCF Reso	AN VCO1 Edge	AN FEG DcyTim	COM Rev Send	COM Cho Send	off
AN FEG Depth	AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN Port Time	InsL D/W Bal	off
AN VCF Reso	AN FM Depth	AN AEG Rl Tim	InsL D/W Bal	COM Rev Send	COM Cho Send	off
AN FEG Depth	AN VCF Reso	AN FEG At Tim,AN FEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM AEG AtTim,AWM FEG D2Tim	AWM AEG R2Tim,AWM FEG R1Tim	InsL D/W Bal	COM Cho Send	COM Rev Send	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim,AWM AEG AtTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG Depth	AWM FEG D1Tim	InsS EQ L-Gain	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth,AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG D1Tim	AWM FEG R1Tim,AWM AEG R2Tim	COM Port SW	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R1Tim,AWM FEG R2Tim	FDSP Drive	FDSP Over Drive	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCO1 Edge	AN VCF Reso	AN AEG At Tim	AN Port Time	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN FEG DcyTim	AN FEG SusLvl,AN VCO1 Edge	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN Sync Pitch	AN FEG DcyTim	AN FEG SusLvl	COM Rev Send	COM Cho Send	off
VL Flt Freq,AWM DCF Freq	AWM DCF Reso	VL EG At Tim,AWM AEG AtTim	InsL Vowel	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AN VCF Freq	AWM DCF Reso,AN VCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	FDSP Overtone,FDSP Ceiling	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ M-Gain	InsS EQ H-Gain	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG Depth	AWM AEG R2Tim	InsL D/W Bal	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim,AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	InsL D/W Bal	InsS EQ M-Gain	off
AN VCF Freq	AN VCF Reso	AN LFO1 Speed	AN AEG Rl Tim	COM Rev Send	InsL D/W Bal	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM AEG R1Tim	InsL LFO Freq	InsL LFO Depth	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim	AN FEG DcyTim	InsL D/W Bal	off
AN FEG Depth	AN Sync Pitch	AN VCF HPF	AN VCF FMD	AN VCA AMD	AN LFO1 Speed	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim,AN FEG Rl Tim	AN VCO1 Edge	AN VCF HPF	off
FDSP Pitch	AWM AEG AtTim	FDSP LFO Speed	FDSP LFO Depth	FDSP PAN	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso,AWM Volume	AWM Volume,AWM Volume	AWM AEG AtTim,AWM AEG AtTim	AWM AEG R2Tim	COM Cho Send,InsL D/W Bal	off
FDSP Drive	FDSP Ceiling	AWM AEG AtTim	InsL D/W Bal	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim,AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM PAN	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	InsL LFO Freq	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM LFO1Speed	AWM LFO1 AMD	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send,COM Cho Send	InsS L/R Depth	off
AWM DCF Freq	AWM Volume,AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	FDSP Pitch,FDSP Pitch EG Dpt	COM Cho Send	off
AWM DCF Freq	FDSP Pitch EG Dpt	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
FDSP Main Mod.	AWM AEG AtTim	InsL D/W Bal	InsL FB Level	COM Cho Send	AWM LFO2Depth,AWM LFO2Speed	off
AWM DCF Freq	FDSP LFO Speed	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF HPF	AN FEG At Tim	AN AEG Rl Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM LFO1 FMD	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	InsL EQ L-Gain,AWM Volume	COM Rev Send	FDSP Feedback	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R1Tim,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off

Internal 2 (65-128)

MSB=63
LSB=3

					Effect				Controller						
No.	Bnk	Voice Name	Cat	Type	Ins-S Type	Ins-L Type	Reverb Type	Chorus Type	PB	MW	AT	MW2	FC	BC	Rbn
65	E1	RhythmWheels	Fx	AWM	024:3Band EQ	067:Auto Synth	001:Rev Hall 1	010:Flanger 1	off	AWM LFO2Speed,AWM LFO2Depth	AWM LFO1 PMD	InsL AM Speed	off	off	AWM Pitch
66	E2	Ribbon Slide	Fx	AWM	005:Celeste 1	059:Control Delay	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	InsL Dly Trans.	off	off	InsL Dly Time
67	E3	Quickening	Fx	FDSP	000:THRU	053:Pitch Change 1	009:Rev White Room	014:Phaser	off	AWM LFO1Speed	FDSP Pitch	FDSP Dry	off	off	AWM Pitch
68	E4	Hollow	Fx	FDSP	000:THRU	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	FDSP Pitch
69	E5	StarDust	Fx	FDSP	000:THRU	015:Delay LR	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM Pitch
70	E6	Nirvana	Fx	FDSP	017:Exciter	021:Auto Pan	002:Rev Hall 2	004:Chorus 4	off	FDSP Pitch	off	AWM LFO1Speed	off	off	AWM DCF Freq
71	E7	Moebius	Fx	FDSP	000:THRU	011:Flanger 2	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	FDSP LFO Speed	off	off	AWM Pitch
72	E8	StarDrive	Fx	FDSP	003:Chorus 3	069:Low Resolution	001:Rev Hall 1	012:Flanger 3	off	AWM LFO2Depth	off	COM Cho Send, AWM Volume	off	off	AWM Pitch
73	E9	AstralMonkey	Fx	FDSP	000:THRU	066:Digital Scratch	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	InsL Scratch Spd	off	off	off	AWM Pitch
74	E10	Broken Arp	Se	AWM	000:THRU	073:Jump	011:Rev Basement	012:Flanger 3	off	AWM LFO1 AMD	off	InsL Speed	off	off	AWM Pitch
75	E11	Geiger Count	Se	AWM	000:THRU	000:THRU	011:Rev Basement	016:Delay L,R	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM PEG Depth
76	E12	Roswell	Se	AN Poly	013:Auto Pan	073:Jump	001:Rev Hall 1	001:Chorus 1	off	InsS L/R Depth	off	AN VCO1 PMD, AN VCO2 PMD	off	off	AN VCF Freq
77	E13	Huge Machine	Se	AN Poly	000:THRU	073:Jump	010:Rev Tunnel	001:Chorus 1	off	AN VCF Freq	off	AWM Volume, AN Volume	off	off	AWM DCF Freq
78	E14	Circular	Se	AN Poly	014:Distortion	063:V-Flanger	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	COM Rev Send	off	off	AN Pitch
79	E15	Millenium	Se	FDSP	000:THRU	045:Hall 1	001:Rev Hall 1	010:Flanger 1	off	FDSP Pitch	off	AWM Volume	off	off	AWM LFO2Depth
80	E16	Seven	Se	FDSP	001:Chorus 1	000:THRU	001:Rev Hall 1	015:Ensemble Detune	off	AWM DCF Freq	off	AWM Volume	off	off	AWM Pitch
81	F1	Down Spiral	Se	AWM	000:THRU	062:V-Distortion	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	off	off	off	COM Cho Send
82	F2	Ectoplasm	Se	FDSP	002:Chorus 2	013:Symphonic	001:Rev Hall 1	001:Chorus 1	FDSP Pitch	AWM LFO2Depth,AWM LFO2Speed	off	AWM DCF Freq, AWM Volume	off	off	AWM LFO1 AMD
83	F3	Whistlewind	Se	AWM	024:3Band EQ	055:Ensemble Detune	007:Rev Stage 2	016:Delay L,R	off	AWM DCF Freq	off	AWM LFO2Depth	off	off	AWM LFO1 FMD
84	F4	Alien Rain	Se	FDSP	000:THRU	063:V-Flanger	001:Rev Hall 1	016:Delay L,R	off	AWM Volume	off	InsL D/W Bal	off	off	AWM Pitch
85	F5	Bent Metal	Se	FDSP	000:THRU	063:V-Flanger	006:Rev Stage 1	001:Chorus 1	off	FDSP LFO Depth	off	InsL FB Gain	off	off	AWM Pitch
86	F6	FM Waves	Se	AN Layer	024:3Band EQ	028:Reverse Gate	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD	off	AN VCF Freq	off	off	AN Pitch
87	F7	Nusic	Se	AWM	000:THRU	021:Auto Pan	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO2Speed	off	off	AWM Pitch
88	F8	Creature	Se	AWM	000:THRU	054:Pitch Change 2	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM Pitch
89	F9	Talk2much	Se	AN Poly	000:THRU	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	AN LFO1 Speed	off	AN Sync Pitch	off	off	AN Pitch Down
90	F10	Radiophonik	Se	FDSP	024:3Band EQ	061:DPCM	004:Rev Room 2	016:Delay L,R	off	FDSP Main Mod.	off	FDSP Main Freq.	off	off	InsS EQ M-Gain
91	F11	BodyElectric	Se	AWM	000:THRU	073:Jump	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1 PMD	off	InsL Speed	off	off	InsL Depth
92	F12	Trancer	Se	AN Layer	000:THRU	021:Auto Pan	001:Rev Hall 1	001:Chorus 1	off	AN LFO1 Speed	off	COM Rev Send	off	off	AN VCF Freq
93	F13	Drumnotized	Se	AWM	016:AMP Simulator	058:3Band EQ	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM Pitch
94	F14	Eraser	Se	FDSP	013:Auto Pan	063:V-Flanger	001:Rev Hall 1	001:Chorus 1	off	InsS L/R Depth,InsS EQ H-Gain	off	FDSP Pitch	off	off	AWM Pitch
95	F15	Juju Temple	Se	AWM	022:Phaser	012:Flanger 3	001:Rev Hall 1	001:Chorus 1	off	AWM LFO2Depth	off	AWM LFO2Speed	off	off	AWM Pitch
96	F16	DarkSide	Se	FDSP	000:THRU	001:Chorus 1	001:Rev Hall 1	012:Flanger 3	off	AWM LFO1 AMD	off	FDSP Pitch	off	off	InsL LFO Freq
97	G1	What's funy?	Se	AWM	000:THRU	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 AMD	off	AWM DCF Freq	off	off	AWM Pitch
98	G2	Generator	Se	AWM	022:Phaser	062:V-Distortion	001:Rev Hall 1	001:Chorus 1	off	off	off	AWM Volume	off	off	AWM Volume
99	G3	Natives	Se	AWM	000:THRU	006:Celeste 1	001:Rev Hall 1	017:Ctrl. Delay	off	AWM LFO1 AMD	off	InsL LFO Freq	off	off	AWM Pitch
100	G4	Texture#6 VS	Se	AWM	000:THRU	027:Gate Reverb	010:Rev Tunnel	016:Delay L,R	off	off	off	InsL LPF Cutoff	off	off	AWM LFO2Speed
101	G5	FullChargeAT	Se	FDSP	000:THRU	040:AMP Simulator	008:Rev Plate	014:Phaser	off	FDSP Balance	AWM Volume	AWM LFO2Speed	off	off	FDSP LFO Speed
102	G6	Ai-ee-yi	Se	AN Poly	016:AMP Simulator	014:Delay LCR	001:Rev Hall 1	001:Chorus 1	off	AN VCO1 PMD,AN VCO2 PMD, AN LFO1 Speed	off	InsL D/W Bal	off	off	AN VCF Freq
103	G7	Moving	Sc	FDSP	000:THRU	026:Early Ref 2	001:Rev Hall 1	001:Chorus 1	off	FDSP LFO Speed,FDSP LFO Depth	off	FDSP Pitch	off	off	AWM PEG Depth
104	G8	Road Rage	Sc	AWM	024:3Band EQ	061:DPCM	001:Rev Hall 1	012:Flanger 3	off	AWM LFO1 PMD,AWM LFO1 FMD	InsL LPF Cutoff	COM Cho Send	off	off	AWM Pitch
105	G9	FutaFunk	Sc	FDSP	000:THRU	063:V-Flanger	012:Rev Canyon	016:Delay L,R	off	FDSP Phase,FDSP EG Depth	off	FDSP Drive	off	off	AWM LFO1 PMD
106	G10	No Sleep	Sc	AWM	018:Compressor	016:Echo	001:Rev Hall 1	002:Chorus 2	off	AWM LFO1 PMD	off	off	off	off	AWM LFO1 FMD
107	G11	Flang Saw	Sc	FDSP	004:Chorus 4	017:Cross Delay	001:Rev Hall 1	004:Chorus 4	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
108	G12	Flux	Sc	AWM	000:THRU	011:Flanger 2	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM LFO1 FMD
109	G13	SynchroChoir	Sc	AWM	022:Phaser	027:Gate Reverb	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 FMD	off	AWM DCF Freq	off	off	AWM LFO1 AMD
110	G14	Echo Roads	Pf	FDSP	004:Chorus 4	029:Karaoke 1	001:Rev Hall 1	014:Phaser	off	AWM LFO1 AMD,AWM LFO1 PMD, COM Cho Send	off	AWM FEG Depth	off	off	AWM LFO1Speed
111	G15	Undercover	Pf	FDSP	023:EQ	021:Auto Pan	001:Rev Hall 1	014:Phaser	off	InsL LFO Freq	off	InsL L/R Depth	off	off	AWM Pitch
112	G16	Touch Drive	Pf	AWM	011:Flanger 3	042:Comp Distortion	002:Rev Hall 2	016:Delay L,R	off	AWM LFO1 PMD	off	InsL Attack, COM Volume	off	off	AWM Pitch
113	H1	Neptune	St	FDSP	022:Phaser	010:Flanger 1	007:Rev Stage 2	004:Chorus 4	off	AWM AEG AtTim	off	FDSP Cutoff, FDSP Drive	off	off	AWM Pitch
114	H2	Ministry	St	AWM	018:Compressor	016:Echo	006:Rev Stage 1	013:Symphonic	off	AWM PEG Depth	off	AWM PEG D1Tim	off	off	AWM DCF Freq
115	H3	Phasensembl	St	AWM	024:3Band EQ	058:3Band EQ	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD,AWM LFO2Depth	off	AWM DCF Freq	off	off	AWM Pitch
116	H4	No.9 Strings	St	AWM	000:THRU	061:DPCM	001:Rev Hall 1	001:Chorus 1	off	AWM LFO1 PMD	off	AWM Volume	off	off	InsL LPF Cutoff
117	H5	Organ XYZ	Or	AWM	018:Compressor	019:Rotary Speaker 2	007:Rev Stage 2	001:Chorus 1	off	InsL EQ L-Gain	off	InsL Rotor	off	off	AWM DCF Freq
118	H6	Union Jack	Or	AWM	000:THRU	023:Phaser 1	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq
119	H7	House	Br	AWM	000:THRU	000:THRU	001:Rev Hall 1	015:Ensemble Detune	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM DCF Freq
120	H8	CS80 Brass	Br	AWM	000:THRU	000:THRU	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	AWM DCF Freq	off	off	AWM Pitch
121	H9	Raspberry	Pi	AWM	024:3Band EQ	071:Attack Lofi	001:Rev Hall 1	014:Phaser	off	AWM LFO1 PMD	off	AWM AEG D3Tim	off	off	AWM Pitch
122	H10	Tai-koh	Sq	FDSP	022:Phaser	013:Symphonic	009:Rev White Room	016:Delay L,R	off	AWM LFO1 PMD	off	AWM LFO1Speed	off	off	AWM DCF Freq,InsL D/W Bal
123	H11	RM Bellz	Pc	FDSP	017:Exciter	053:Pitch Change 1	001:Rev Hall 1	016:Delay L,R	off	AWM LFO1 PMD	off	FDSP Main Mod.	off	off	AWM Pitch
124	H12	Tornado BD	Pc	FDSP	024:3Band EQ	000:THRU	001:Rev Hall 1	003:Chorus 3	off	FDSP Egde Bias	off	FDSP Ceiling	off	off	COM Cho Send
125	H13	ViaArpeggia	Co	AWM	022:Phaser	014:Delay LCR	001:Rev Hall 1	001:Chorus 1	off	AWM Volume	off	AWM Volume	off	off	InsS EQ L-Gain
126	H14	Alien Kit	Dr	Drum	000:THRU	000:THRU	001:Rev Hall 1	001:Chorus 1	off	off	off	off	off	off	off
127	H15	FX Kit	Dr	Drum	000:THRU	000:THRU	008:Rev Plate	001:Chorus 1	off	COM Cho Send	off	COM Rev Send	off	off	off
128	H16	Street Kit	Dr	Drum	000:THRU	000:THRU	008:Rev Plate	001:Chorus 1	off	COM Cho Send	off	COM Rev Send	off	off	off

- The abbreviations “Ins S” and “Ins L” in the “Effect” and “Controller” sections of the Voice Lists refer to “Insertion Effect 1” and “Insertion Effect 2”, respectively.
- Nehmen Sie für die Abkürzungen “Ins S” und “Ins L” in den Abschnitten “Effect” und “Controller” der Voice-Liste jeweils auf die Abschnitte “Insertion Effect 1” und “Insertion Effect 2” Bezug.
- A la section “Effect” et “Controller” de la liste des voix les abréviations “Ins S” et “Ins L” signifient respectivement “Insertion Effect 1” et “Insertion Effect 2”.

Kn1	Kn2	Kn3	Kn4	Kn5	Kn6	Vel
AWM DCF Freq	AWM DCF Reso	AWM Volume	AWM AEG AtTim	AWM AEG R2Tim	InsL AM Depth	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D3Tim	AWM AEG R2Tim	InsS D/W Bal,InsS LFO Depth, COM Volume	InsL D/W Bal	off
AWM DCF Freq	FDSP Pitch	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	FDSP Pitch EG Dpt	FDSP Main Freq.	FDSP Sub Freq.	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM LFO1 PMD	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	FDSP PW	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,FDSP Wet	AWM Volume	AWM AEG AtTim,AWM AEG D1Tim	AWM AEG R2Tim	AWM PEG D2Tim	COM Rev Send	off
AWM DCF Freq	FDSP Pitch	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM LFO1 FMD	AWM AEG AtTim	AWM AEG D1Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	InsL Speed	InsL Depth	InsL D/W Bal	InsS LFO Freq	COM Rev Send	off
AN VCF Freq	AN VCF Reso	AWM DCF Freq,AWM AEG AtTim	AWM DCF Reso,AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN FEG At Tim	AN AEG Rl Tim	AN Sync Pitch	InsL LFO Freq,InsL LFO Depth, InsL D/W Bal	InsS D/W Bal	off
AWM DCF Freq	AWM PEG Depth	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send,InsL D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,InsL Presence	InsL D/W Bal	AWM Volume	AWM Volume	COM Rev Send	Arp Tempo	off
FDSP Main Mod.	InsL EQ L-Gain	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	InsL LFO Depth	off
AWM DCF Reso	InsS EQ L-Gain	InsS EQ M-Gain	InsS EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL LFO Freq	InsL FB Gain	AWM Volume	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	FDSP Pitch	InsL LFO Freq	FDSP LFO Depth,FDSP LFO Speed	InsL FB Gain	off
AN VCF Freq	AN VCF Reso	AN AEG At Tim	AN AEG Rl Tim,AN FEG Rl Tim	AN FEG At Tim	AN VCF HPF	off
AWM DCF Freq	AWM LFO2Depth	AWM LFO1Speed	AWM Pitch	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL FB Level	AWM AEG D1Tim	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCO1 PMD	InsL LFO Freq	AN VCF FMD	COM Rev Send	COM Cho Send	off
AWM AEG AtTim	AWM PEG D1Tim,AWM PEG R2Tim	AWM AEG R2Tim	InsL Samp.Freq	InsL LPF Cutoff	COM Rev Send,COM Cho Send	off
InsL D/W Bal	AWM AEG D1Tim	AWM AEG AtTim	AWM LFO1 AMD	COM Rev Send	COM Cho Send	off
AN VCF Freq	AN VCF Reso	AN VCO2 PMD,AN VCO1 PMD	AN VCO2 PMD	InsL LFO Freq,InsL L/R Depth	AN AEG Rl Tim	off
AWM Volume,AWM DCF Reso	AWM Volume	AWM Volume	InsS D/W Bal	COM Rev Send	off	off
InsL LFO Depth	FDSP Main Mod.	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	InsL EQ M-Gain	off
AWM Volume	AWM Volume	InsL FB Level	InsL LFO Freq	COM Rev Send	Arp Tempo	off
AWM DCF Freq	AWM LFO1 FMD	AWM LFO1 PMD	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	off	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
InsS EQ H-Gain	InsL Over Drive	InsS D/W Bal	InsS LFO Freq	COM Rev Send	Arp Tempo	off
AWM DCF Freq	InsL FB Level	AWM AEG AtTim	AWM AEG D1Tim	COM Rev Send	InsL LFO Depth	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Cho Send	InsL D/W Bal	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Cho Send	COM Rev Send	off
AN VCF Freq	AN Sync Pitch	AN AEG At Tim	AN AEG Rl Tim	AN VCO1 Level	InsS D/W Bal	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim,AWM AEG AtTim	FDSP LFO Depth	InsL D/W Bal	InsL FB Level	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	InsL D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL EQ L-Gain	InsL EQ M-Gain	COM Cho Send	InsL D/W Bal	off
AWM FEG Depth	AWM DCF Reso	AWM AEG AtTim,AWM FEG D3Tim	AWM AEG R2Tim,AWM FEG R1Tim	InsL D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Reso	InsL LFO Depth	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM Pitch	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	InsL D/W Bal	InsS D/W Bal	off
FDSP Cutoff	FDSP Drive	AWM AEG AtTim,AWM FEG D1Tim	AWM AEG R2Tim,AWM FEG R1Tim	InsS EQ H-Gain	InsL D/W Bal	off
FDSP Drive	FDSP Position	InsS EQ L-Gain	InsS EQ H-Gain	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS EQ L-Gain	InsS EQ H-Gain	InsL Attack,COM Volume	InsS D/W Bal	off
AWM DCF Freq	AWM DCF Reso	InsL EQ M-Gain	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM FEG Depth	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	InsL D/W Bal	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
InsL LPF Cutoff	InsL LPF Reso.	AWM AEG AtTim	AWM AEG R2Tim,AWM FEG R1Tim	COM Cho Send,COM Rev Send	InsL Samp.Freq	off
AWM Volume	AWM Volume	AWM Volume	InsL L/H Bal	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsL LFO Depth,InsL LFO Freq	COM Rev Send	AWM AEG AtTim	InsL D/W Bal	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D2Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	AWM FEG D1Tim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq,AWM FEG Depth, InsL LPF Freq,InsS EQ H-Gain	AWM DCF Reso	AWM AEG AtTim	AWM AEG R2Tim	COM Rev Send	COM Cho Send	off
AWM DCF Freq	AWM DCF Reso	InsS D/W Bal	InsS LFO Freq	COM Cho Send	Arp Tempo	off
FDSP Main Freq.	FDSP Sub Freq.	FDSP Main Mod.	FDSP Sub Mod.	COM Rev Send	COM Cho Send	off
FDSP Drive	AWM AEG AtTim	InsS EQ L-Gain	InsS EQ M-Gain	InsS EQ H-Gain	COM Rev Send	off
AWM DCF Freq	AWM DCF Reso	AWM AEG AtTim	AWM FEG D2Tim	COM Rev Send	InsL D/W Bal	off
off	off	off	off	off	off	off
off	off	off	off	off	off	off
DR DCF Freq	DR PAN	off	off	off	Arp Tempo	off

■Drum Voice List ■Liste mit Schlazeug-Voices ■Liste des voix de batterie

Preset 2:123-128

(MSB=63, LSB=1)

		P2-123 Pop Kit				P2-124 Velocity Kit			
Note No.	Note	Sample 1	Sample 2	Sample 3	Sample 4	Sample 1	Sample 2	Sample 3	Sample 4
24	C 0	1424:Claves.1				1155:P50-1.8			
25	C#0	1387:SdBrsS.1	1352:Noise.1			1387:SdBrsS.1			
26	D 0	1387:SdBrsS.1	1352:Noise.1			1373:SdLdwH.1	1372:SdLdwS.1		
27	D#0	1387:SdBrsS.1	1352:Noise.1			1388:SdBrsH.1			
28	E 0	1387:SdBrsS.1	1352:Noise.1	0911:SxBrth.1		1385:SdWdS.1	1386:SdWdH.1	1377:SdSonD.1	
29	F 0	1368:SdBldM.1	1366:SdGM.1	1366:SdGM.1	1366:SdGM.1	1378:SdHvy.1	1370:SdFsnL.1	1378:SdHvy.1	
30	F#0	1425:Castnt.1				1425:Castnt.1			
31	G 0	1367:SdBldS.1	1383:SdPrmS.1			1367:SdBldS.1	1368:SdBldM.1	1366:SdGM.1	1369:SdBldH.1
32	G#0	1391:Stick.1				1391:Stick.1			
33	A 0	1361:BdHby.1				1362:Bd2.1	1351:Sin.1		
34	A#0	1382:SdPcBH.1	1381:SdPcBS.1	1380:SdPclH.1		1371:SdFsnH.1	1370:SdFsnL.1		
35	B 0	1361:BdHby.1	1361:BdHby.1			1361:BdHby.1	1351:Sin.1		
36	C 1	1360:BdPop.1	1360:BdPop.1			1360:BdPop.1	1351:Sin.1		
37	C#1	1389:C.Rim1.1				1389:C.Rim1.1			
38	D 1	1366:SdGM.1	1375:SdSonB.1			1374:SdSonA.1	1375:SdSonB.1	1376:SdSonC.1	1377:SdSonD.1
39	D#1	1443:T8Clap.1				1443:T8Clap.1			
40	E 1	1382:SdPcBH.1	1381:SdPcBS.1			1380:SdPclH.1	1379:SdPclS.1	1382:SdPcBH.1	
41	F 1	1392:TomF.1	1397:TmJzL.1			1392:TomF.1			
42	F#1	1400:HHCl1.1	1400:HHCl1.1			1401:HHCL2.1	1400:HHCl1.1		
43	G 1	1392:TomF.1	1397:TmJzL.1			1393:TomL.1			
44	G#1	1403:HHPdl.1				1401:HHCL2.1	1402:HHCl3.1		
45	A 1	1393:TomL.1	1397:TmJzL.1			1393:TomL.1			
46	A#1	1404:HHOpn.1				1404:HHOpn.1	1402:HHCl3.1		
47	B 1	1394:TomM.1	1399:TmJzH.1			1394:TomM.1			
48	C 2	1395:TomHL.1	1399:TmJzH.1			1395:TomHL.1			
49	C#2	1407:Crash.1				1407:Crash.1			
50	D 2	1395:TomHL.1	1399:TmJzH.1			1396:TomHH.1			
51	D#2	1405:Ride.1				1405:Ride.1			
52	E 2	1408:China.1				1408:China.1			
53	F 2	1406:Cup.1	1405:Ride.1			1406:Cup.1			
54	F#2	1428:Tmborn.1				1428:Tmborn.1			
55	G 2	1407:Crash.1				1408:China.1	1407:Crash.1		
56	G#2	1414:Cowbel.1				1414:Cowbel.1	1351:Sin.1		
57	A 2	1407:Crash.1				1407:Crash.1	1405:Ride.1		
58	A#2	1430:VbSlp.1				1430:VbSlp.1			
59	B 2	1405:Ride.1				1405:Ride.1	1406:Cup.1		
60	C 3	1410:BongoH.1				1410:BongoH.1			
61	C#3	1409:BongoL.1				1409:BongoL.1			
62	D 3	1413:CngSlp.1				1413:CngSlp.1			
63	D#3	1412:CongaH.1				1412:CongaH.1			
64	E 3	1411:CongaL.1				1411:CongaL.1			
65	F 3	1419:TmblsH.1	1418:TmblsL.1			1419:TmblsH.1	1418:TmblsL.1		
66	F#3	1418:TmblsL.1				1418:TmblsL.1			
67	G 3	1415:AgogoL.1				1415:AgogoL.1	1351:Sin.1		
68	G#3	1415:AgogoL.1				1415:AgogoL.1	1351:Sin.1		
69	A 3	1423:Cabasa.1				1423:Cabasa.1			
70	A#3	1426:Maracs.1	1426:Maracs.1			1426:Maracs.1			
71	B 3	1431:Whistl.1				1431:Whistl.1			
72	C 4	1431:Whistl.1				1431:Whistl.1			
73	C#4	1417:GiroCl.1				1417:GiroCl.1			
74	D 4	1416:GuiroL.1				1416:GuiroL.1			
75	D#4	1424:Claves.1				1424:Claves.1			
76	E 4	1422:Wdblck.1				1422:Wdblck.1			
77	F 4	1422:Wdblck.1				1422:Wdblck.1			
78	F#4	1420:CuicaL.1				1420:CuicaL.1			
79	G 4	1421:CuicaH.1				1421:CuicaH.1			
80	G#4	1429:TrangL.1				1429:TrangL.1			
81	A 4	1429:TrangL.1				1429:TrangL.1			
82	A#4	1427:Shaker.1				1427:Shaker.1			
83	B 4	1433:JnglBl.1				1433:JnglBl.1			
84	C 5	1434:Bltree.1				1434:Bltree.1	1434:Bltree.1		
85	C#5								
86	D 5								
87	D#5								
88	E 5								
89	F 5								
90	F#5								
91	G 5								

		P2-125 Rock Kit				P2-126 Jazzy Kit			
Note No.	Note	Sample 1	Sample 2	Sample 3	Sample 4	Sample 1	Sample 2	Sample 3	Sample 4
24	C 0	1424:Claves.1				1155:P50-1.8			
25	C#0	1387:SdBrsS.1	1352:Noise.1			1387:SdBrsS.1			
26	D 0	1387:SdBrsS.1	1352:Noise.1			1373:SdLdwH.1	1372:SdLdwS.1		
27	D#0	1387:SdBrsS.1	1352:Noise.1			1388:SdBrsH.1			
28	E 0	1387:SdBrsS.1	1352:Noise.1	0911:SxBrth.1		1387:SdBrsS.1	1352:Noise.1	0911:SxBrth.1	
29	F 0	1383:SdPrmS.1	1368:SdBldM.1	1368:SdBldM.1	1368:SdBldM.1	1385:SdWdS.1	1386:SdWdH.1		
30	F#0	1425:Castnt.1				1425:Castnt.1			
31	G 0	1367:SdBldS.1	1384:SdPrmH.1			1367:SdBldS.1	1368:SdBldM.1		
32	G#0	1391:Stick.1				1391:Stick.1			
33	A 0	1361:BdHby.1				1362:Bd2.1	1351:Sin.1		
34	A#0	1382:SdPcBH.1	1381:SdPcBS.1	1380:SdPclH.1		1371:SdFsnH.1	1370:SdFsnL.1		
35	B 0	1360:BdPop.1	1361:BdHby.1			1365:BdLoJz.1	1351:Sin.1		
36	C 1	1435:T8BdBm.1	1397:TmJzL.1			1364:BdHiJz.1	1351:Sin.1		
37	C#1	1389:C.Rim1.1				1390:C.Rim2.1			
38	D 1	1366:SdGM.1	1380:SdPclH.1	1381:SdPcBS.1		1374:SdSonA.1	1375:SdSonB.1	1376:SdSonC.1	
39	D#1	1443:T8Clap.1				1443:T8Clap.1			
40	E 1	1382:SdPcBH.1	1379:SdPclS.1			1387:SdBrsS.1	1388:SdBrsH.1		
41	F 1	1392:TomF.1	1397:TmJzL.1			1397:TmJzL.1			
42	F#1	1402:HHCl3.1	1468:T9HHC1.1			1402:HHCl3.1	1401:HHCL2.1	1400:HHCl1.1	
43	G 1	1392:TomF.1	1397:TmJzL.1			1397:TmJzL.1			
44	G#1	1403:HHPdl.1				1403:HHPdl.1	1403:HHPdl.1		
45	A 1	1393:TomL.1	1397:TmJzL.1			1398:TmJzM.1			
46	A#1	1404:HHOpn.1				1404:HHOpn.1	1402:HHCl3.1		
47	B 1	1394:TomM.1	1399:TmJzH.1			1398:TmJzM.1			
48	C 2	1395:TomHL.1	1399:TmJzH.1			1399:TmJzH.1	1351:Sin.1		
49	C#2	1407:Crash.1				1407:Crash.1			
50	D 2	1395:TomHL.1	1399:TmJzH.1			1399:TmJzH.1	1351:Sin.1		
51	D#2	1405:Ride.1				1405:Ride.1			
52	E 2	1408:China.1				1408:China.1			
53	F 2	1406:Cup.1	1405:Ride.1			1406:Cup.1			
54	F#2	1428:Tmborn.1				1428:Tmborn.1			
55	G 2	1407:Crash.1				1408:China.1	1407:Crash.1		
56	G#2	1414:Cowbel.1				1414:Cowbel.1	1351:Sin.1		
57	A 2	1407:Crash.1				1407:Crash.1	1405:Ride.1		
58	A#2	1430:VbSlp.1				1430:VbSlp.1			
59	B 2	1405:Ride.1				1405:Ride.1	1406:Cup.1		
60	C 3	1409:BongoL.1				1410:BongoH.1			
61	C#3	1409:BongoL.1				1409:BongoL.1			
62	D 3	1413:CngSlp.1				1413:CngSlp.1			
63	D#3	1412:CongaH.1				1412:CongaH.1			
64	E 3	1411:CongaL.1				1411:CongaL.1			
65	F 3	1419:TmblsH.1	1418:TmblsL.1			1419:TmblsH.1	1418:TmblsL.1		
66	F#3	1418:TmblsL.1				1418:TmblsL.1			
67	G 3	1415:AgogoL.1				1415:AgogoL.1	1351:Sin.1		
68	G#3	1415:AgogoL.1				1415:AgogoL.1	1351:Sin.1		
69	A 3	1423:Cabasa.1				1423:Cabasa.1			
70	A#3	1426:Maracs.1	1426:Maracs.1			1426:Maracs.1			
71	B 3	1431:Whistl.1				1431:Whistl.1			
72	C 4	1431:Whistl.1				1431:Whistl.1			
73	C#4	1417:GiroCl.1				1417:GiroCl.1			
74	D 4	1416:GuiroL.1				1416:GuiroL.1			
75	D#4	1424:Claves.1				1424:Claves.1			
76	E 4	1422:Wdblck.1				1422:Wdblck.1			
77	F 4	1422:Wdblck.1				1422:Wdblck.1			
78	F#4	1420:CuicaL.1				1420:CuicaL.1			
79	G 4	1421:CuicaH.1				1421:CuicaH.1			
80	G#4	1429:TrangL.1				1429:TrangL.1			
81	A 4	1429:TrangL.1				1429:TrangL.1			
82	A#4	1427:Shaker.1				1427:Shaker.1			
83	B 4	1433:JnglBl.1				1433:JnglBl.1			
84	C 5	1434:Bltree.1				1434:Bltree.1	1434:Bltree.1		
85	C#5								
86	D 5								
87	D#5								
88	E 5								
89	F 5								
90	F#5								
91	G 5								

		P2-127 House Kit				P2-128 Tech Kit			
Note No.	Note	Sample 1	Sample 2	Sample 3	Sample 4	Sample 1	Sample 2	Sample 3	Sample 4
24	C 0								
25	C#0								
26	D 0								
27	D#0								
28	E 0	1407:Crash.1				1407:Crash.1			
29	F 0	1364:BdHiJz.1				1366:SdGM.1			
30	F#0	1482:CONG.1				1475:DstKik.1			
31	G 0	1369:SdBldH.1				1370:SdFsnL.1			
32	G#0	1482:CONG.1				1475:DstKik.1			
33	A 0	1474:EuroBD.1				1474:EuroBD.1			
34	A#0	1435:T8BdBm.1				1435:T8BdBm.1			
35	B 0	1455:T9BD2.1				1454:T9BD1.1			
36	C 1	1456:T9BD3.1				1456:T9BD3.1			
37	C#1	1464:T9Rim.1	1484:WdBlk.1			1464:T9Rim.1			
38	D 1	1458:T9SD2.1				1457:T9SD1.1			
39	D#1	1442:T8Rmst.1				1475:DstKik.1			
40	E 1	1461:T9SD5.1	1457:T9SD1.1			1460:T9SD4.1			
41	F 1	1435:T8BdBm.1				1465:T9TomL.1			
42	F#1	1468:T9HHC1.1				1468:T9HHC1.1			
43	G 1	1435:T8BdBm.1				1465:T9TomL.1			
44	G#1	1469:T9HHC2.1				1469:T9HHC2.1			
45	A 1	1435:T8BdBm.1				1466:T9TomM.1			
46	A#1	1470:T9HHO1.1				1470:T9HHO1.1			
47	B 1	1435:T8BdBm.1				1467:T9TomH.1			
48	C 2	1471:T9HHO2.1				1471:T9HHO2.1			
49	C#2	1472:T9Crsh.1				1472:T9Crsh.1			
50	D 2	1473:T9Ride.1				1473:T9Ride.1			
51	D#2	1463:T9Clap.1				1463:T9Clap.1			
52	E 2	1477:AnvlPp.1				1454:T9BD1.1			
53	F 2	1454:T9BD1.1				1455:T9BD2.1			
54	F#2	1382:SdPcBH.1				1458:T9SD2.1			
55	G 2	1484:WdBlk.1				1484:WdBlk.1			
56	G#2	1477:AnvlPp.1				1477:AnvlPp.1			
57	A 2	1482:CONG.1				1461:T9SD5.1			
58	A#2	1476:AnvlHt.1				1476:AnvlHt.1			
59	B 2	1483:StlClp.1				1483:StlClp.1			
60	C 3	1481:Ripper.1				1481:Ripper.1			
61	C#3	1482:CONG.1				1482:CONG.1			
62	D 3	1450:T8CngH.1				1450:T8CngH.1			
63	D#3	1482:CONG.1	1450:T8CngH.1			1482:CONG.1	1450:T8CngH.1		
64	E 3	1482:CONG.1	1450:T8CngH.1			1482:CONG.1	1450:T8CngH.1		
65	F 3	1450:T8CngH.1				1450:T8CngH.1			
66	F#3	1447:T8Crsh.1				1447:T8Crsh.1			
67	G 3	1445:T8HHCl.1				1445:T8HHCl.1			
68	G#3	1446:T8HHOp.1				1446:T8HHOp.1			
69	A 3	1429:TrangL.1				1429:TrangL.1			
70	A#3	1453:T8Mrcs.1				1453:T8Mrcs.1			
71	B 3	1429:TrangL.1				1429:TrangL.1			
72	C 4	1427:Shaker.1				1427:Shaker.1			
73	C#4	1476:AnvlHt.1				1477:AnvlPp.1			
74	D 4	1476:AnvlHt.1				1476:AnvlHt.1			
75	D#4	1452:T8Clve.1				1452:T8Clve.1			
76	E 4	1480:VoxDrm.1				1480:VoxDrm.1			
77	F 4	1475:DstKik.1				1475:DstKik.1			
78	F#4	1447:T8Crsh.1				1447:T8Crsh.1			
79	G 4	1433:JnglBl.1				1458:T9SD2.1			
80	G#4	1428:Tmborn.1				1428:Tmborn.1			
81	A 4	1428:Tmborn.1				1428:Tmborn.1			
82	A#4	1357:BigSyn.1				0396:Perc.A			
83	B 4	1357:BigSyn.1				0401:SftTmp.1			
84	C 5	1354:Melow.1				1355:WndChm.1			
85	C#5	1358:VxDcnd.1				1358:VxDcnd.1			
86	D 5	1358:VxDcnd.1				1358:VxDcnd.1			
87	D#5	1358:VxDcnd.1				1359:BdStd.1			
88	E 5	1437:T8SD1.1				1360:BdPop.1			
89	F 5	1431:Whistl.1				1385:SdWdS.1			
90	F#5	1379:SdPclS.1	1472:T9Crsh.1			1379:SdPclS.1			
91	G 5	1363:BdDeep.1				1363:BdDeep.1			

Internal 2:126-128

(MSB=63, LSB=3)

I2-126 Alien Kit

Note No.	Note	Sample 1	Sample 2	Sample 3	Sample 4
24	C 0				
25	C#0				
26	D 0				
27	D#0				
28	E 0	1407:Crash.1			
29	F 0	1366:SdGM.1			
30	F#0	1475:DstKik.1			
31	G 0	1370:SdFsnL.1			
32	G#0	1475:DstKik.1			
33	A 0	1362:Bd2.1			
34	A#0	1435:T8BdBm.1			
35	B 0	1454:T9BD1.1			
36	C 1	1362:Bd2.1			
37	C#1	1366:SdGM.1			
38	D 1	1457:T9SD1.1			
39	D#1	1435:T8BdBm.1			
40	E 1	1460:T9SD4.1			
41	F 1	1465:T9TomL.1			
42	F#1	1400:HHCl1.1			
43	G 1	1465:T9TomL.1			
44	G#1	1401:HHCL2.1			
45	A 1	1466:T9TomM.1			
46	A#1	1470:T9HHO1.1			
47	B 1	1467:T9TomH.1			
48	C 2	1403:HHPdl.1			
49	C#2	1407:Crash.1			
50	D 2	1472:T9Crsh.1			
51	D#2	1360:BdPop.1	1362:Bd2.1	1436:T8Bd.1	
52	E 2	1456:T9BD3.1			
53	F 2	1455:T9BD2.1			
54	F#2	1388:SdBrsH.1	1378:SdHvy.1	1457:T9SD1.1	
55	G 2	1484:WdBlk.1			
56	G#2	0398:Clack.1			
57	A 2	0420:FngCym.1			
58	A#2	1476:AnvlHt.1			
59	B 2	1483:StlClp.1			
60	C 3	1481:Ripper.1			
61	C#3	1482:CONG.1			
62	D 3	1395:TomHL.1			
63	D#3	1484:WdBlk.1	1449:T8CngM.1		
64	E 3	1460:T9SD4.1			
65	F 3	1443:T8Clap.1	1443:T8Clap.1		
66	F#3	1402:HHCl3.1			
67	G 3	1400:HHCl1.1			
68	G#3	1404:HHOpn.1			
69	A 3	1429:TrangL.1			
70	A#3	1453:T8Mrcs.1			
71	B 3	1429:TrangL.1			
72	C 4	1427:Shaker.1			
73	C#4	1477:AnvlPp.1	1477:AnvlPp.1		
74	D 4	1476:AnvlHt.1	1476:AnvlHt.1		
75	D#4	1409:BongoL.1			
76	E 4	1480:VoxDrm.1			
77	F 4	1475:DstKik.1			
78	F#4	1447:T8Crsh.1			
79	G 4	1458:T9SD2.1			
80	G#4	1428:Tmborn.1			
81	A 4	1428:Tmborn.1			
82	A#4	0398:Clack.1			
83	B 4	0401:SftTmp.1			
84	C 5	1352:Noise.1			
85	C#5	1358:VxDcnd.1			
86	D 5	1358:VxDcnd.1			
87	D#5	1359:BdStd.1			
88	E 5	1360:BdPop.1			
89	F 5	1385:SdWdS.1			
90	F#5	1379:SdPclS.1			
91	G 5	1363:BdDeep.1			

I2-127 FX Kit

Note No.	Note	Sample 1	Sample 2	Sample 3	Sample 4
24	C 0	1397:TmJzL.1	1435:T8BdBm.1		
25	C#0	1435:T8BdBm.1			
26	D 0	1475:DstKik.1			
27	D#0	1393:TomL.1			
28	E 0	1454:T9BD1.1	1454:T9BD1.1	1436:T8Bd.1	
29	F 0	1455:T9BD2.1	1379:SdPclS.1	1380:SdPclH.1	1379:SdPclS.1
30	F#0	1384:SdPrmH.1	1400:HHCl1.1		
31	G 0	1400:HHCl1.1	1400:HHCl1.1	1402:HHCl3.1	
32	G#0	1378:SdHvy.1	1377:SdSonD.1	1376:SdSonC.1	
33	A 0	1444:T8Tom.1	1361:BdHby.1		
34	A#0	1405:Ride.1			
35	B 0	1405:Ride.1			
36	C 1	1435:T8BdBm.1	1435:T8BdBm.1		
37	C#1	1391:Stick.1	1476:AnvlHt.1		
38	D 1	1459:T9SD3.1	1447:T8Crsh.1		
39	D#1	1443:T8Clap.1			
40	E 1	1475:DstKik.1			
41	F 1	1392:TomF.1	1380:SdPclH.1		
42	F#1	1468:T9HHC1.1			
43	G 1	1399:TmJzH.1	1476:AnvlHt.1	1471:T9HHO2.1	
44	G#1	1426:Maracs.1			
45	A 1	1393:TomL.1	1406:Cup.1		
46	A#1	1446:T8HHOp.1	1408:China.1		
47	B 1	1397:TmJzL.1	1415:AgogoL.1		
48	C 2	1409:BongoL.1	1477:AnvlPp.1		
49	C#2	1355:WndChm.1	1358:VxDcnd.1	1405:Ride.1	
50	D 2	1409:BongoL.1	1418:TmblsL.1		
51	D#2	1405:Ride.1	1447:T8Crsh.1		
52	E 2	1407:Crash.1			
53	F 2	1406:Cup.1	1434:Bltree.1		
54	F#2	1428:Tmborn.1	1481:Ripper.1		
55	G 2	1407:Crash.1	1472:T9Crsh.1		
56	G#2	1451:T8Cwbl.1	1406:Cup.1	1477:AnvlPp.1	
57	A 2	1407:Crash.1			
58	A#2	1477:AnvlPp.1	1452:T8Clve.1		
59	B 2	1405:Ride.1	1405:Ride.1		
60	C 3	1000:MogBs1.1			
61	C#3	1000:MogBs1.1			
62	D 3	1410:BongoH.1	1410:BongoH.1		
63	D#3	1412:CongaH.1	1412:CongaH.1		
64	E 3	1482:CONG.1			
65	F 3	1419:TmblsH.1	1419:TmblsH.1	1419:TmblsH.1	
66	F#3	1418:TmblsL.1			
67	G 3	0439:HndBel.1			
68	G#3	0430:GamIn2.2			
69	A 3	1357:BigSyn.1			
70	A#3	1402:HHCl3.1			
71	B 3	1354:Melow.1			
72	C 4	1354:Melow.1			
73	C#4	1417:GiroCl.1			
74	D 4	1430:VbSlp.1			
75	D#4	0398:Clack.1			
76	E 4	0435:Marimb.2			
77	F 4	0398:Clack.1			
78	F#4	1353:VoxBel.1			
79	G 4	1353:VoxBel.1			
80	G#4	1429:TrangL.1			
81	A 4	0433:Glock.3			
82	A#4	1000:MogBs1.1			
83	B 4	1434:Bltree.1			
84	C 5	1358:VxDcnd.1			
85	C#5	1358:VxDcnd.1			
86	D 5	1358:VxDcnd.1			
87	D#5	1357:BigSyn.1			
88	E 5	1357:BigSyn.1			
89	F 5	1089:SawSqu.1			
90	F#5	1355:WndChm.1			
91	G 5	1356:BelAir.1			

I2-128 Street Kit

Note No.	Note	Sample 1	Sample 2	Sample 3	Sample 4
24	C 0	1436:T8Bd.1			
25	C#0	1437:T8SD1.1			
26	D 0	1384:SdPrmH.1			
27	D#0	1378:SdHvy.1			
28	E 0	1456:T9BD3.1			
29	F 0	1454:T9BD1.1			
30	F#0	1455:T9BD2.1			
31	G 0	1361:BdHby.1			
32	G#0	1365:BdLoJz.1			
33	A 0	1361:BdHby.1			
34	A#0	1379:SdPclS.1			
35	B 0	1435:T8BdBm.1			
36	C 1	1454:T9BD1.1			
37	C#1	1390:C.Rim2.1			
38	D 1	1458:T9SD2.1	1001:MogBs2.1		
39	D#1	1432:Clap.1			
40	E 1	1386:SdWdH.1			
41	F 1	1444:T8Tom.1			
42	F#1	1400:HHCl1.1			
43	G 1	1444:T8Tom.1			
44	G#1	1403:HHPdl.1			
45	A 1	1444:T8Tom.1			
46	A#1	1446:T8HHOp.1			
47	B 1	1444:T8Tom.1			
48	C 2	1444:T8Tom.1			
49	C#2	1472:T9Crsh.1			
50	D 2	1444:T8Tom.1			
51	D#2	1447:T8Crsh.1			
52	E 2	1407:Crash.1			
53	F 2	1406:Cup.1			
54	F#2	1428:Tmborn.1			
55	G 2	1407:Crash.1			
56	G#2	1451:T8Cwbl.1			
57	A 2	1407:Crash.1			
58	A#2	1412:CongaH.1			
59	B 2	1405:Ride.1			
60	C 3	1001:MogBs2.1			
61	C#3	1047:P5Saw.1			
62	D 3	1030:FMGtr.1			
63	D#3	1474:EuroBD.1			
64	E 3	1001:MogBs2.1			
65	F 3	1087:1o1Sub.B			
66	F#3	1106:MgRamp.2			
67	G 3	1477:AnvlPp.1			
68	G#3	1477:AnvlPp.1			
69	A 3	1473:T9Ride.1			
70	A#3	1476:AnvlHt.1			
71	B 3	1105:MgRamp.1			
72	C 4	1481:Ripper.1			
73	C#4	1451:T8Cwbl.1			
74	D 4	1002:MogBs3.1			
75	D#4	0230:D16.E			
76	E 4	1464:T9Rim.1			
77	F 4	1064:Saw2.4			
78	F#4	0869:Oooo.2			
79	G 4	1478:Scrch1.1			
80	G#4	1429:TrangL.1			
81	A 4	1429:TrangL.1			
82	A#4	1000:MogBs1.1			
83	B 4	1000:MogBs1.1			
84	C 5	1432:Clap.1	1432:Clap.1		
85	C#5	1479:Scrch2.1			
86	D 5	1463:T9Clap.1			
87	D#5	1479:Scrch2.1			
88	E 5	1358:VxDcnd.1			
89	F 5	1358:VxDcnd.1			
90	F#5	1378:SdHvy.1			
91	G 5	1380:SdPclH.1			

■Sample List ■Liste mit Samples
■Liste des échantillons

Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name
1	Grnd1.1	81	Rho3.1	161	JmPrc.1	241	D5 1/3.A	321	D1 1/3.1	401	SftTmp.1	481	SftFlg.3
2	Grnd1.2	82	Rho3.2	162	JmPrc.2	242	D5 1/3.B	322	D1 1/3.2	402	Farfis.1	482	SftFlg.4
3	Grnd1.3	83	Rho3.3	163	JmPrc.3	243	D5 1/3.C	323	D1 1/3.3	403	Farfis.2	483	SftFlg.5
4	Grnd1.4	84	Rho3.4	164	JmPrc.4	244	D5 1/3.D	324	D1 1/3.4	404	Farfis.3	484	SftFlg.6
5	Grnd1.5	85	Rho3.5	165	JmPrc.5	245	D5 1/3.E	325	D1 1/3.5	405	Farfis.4	485	SftFlg.7
6	Grnd1.6	86	Rho3.6	166	JmPrc.6	246	D5 1/3.F	326	D1 1/3.6	406	Farfis.5	486	SftFlg.8
7	Grnd1.7	87	Rho3.7	167	JmPrc.7	247	D5 1/3.G	327	D1 1/3.7	407	Farfis.6	487	Hermn.1
8	Grnd1.8	88	Rho3.8	168	JmPrc.8	248	D5 1/3.H	328	D1 1/3.8	408	Farfis.7	488	Hermn.2
9	Grnd1.9	89	Rho4.1	169	JmPrc.9	249	D5 1/3.I	329	D1 1/3.9	409	Farfis.8	489	Hermn.3
10	Grnd1.A	90	Rho4.2	170	JmPrc.A	250	D5 1/3.J	330	D1 1/3.A	410	Farfis.9	490	Hermn.4
11	Grnd1.B	91	Rho4.3	171	JmPrc.B	251	D8.1	331	D1 1/3.B	411	Farfis.A	491	Hermn.5
12	Grnd1.C	92	Rho4.4	172	JmPrc-.1	252	D8.2	332	D1 1/3.C	412	Farfis.B	492	Hermn.6
13	Grnd1.D	93	Rho4.5	173	Jazz.1	253	D8.3	333	D1 1/3.D	413	VoxOrg.1	493	Strgt.1
14	Grnd1.E	94	Rho4.6	174	Jazz.2	254	D8.4	334	D1.1	414	VoxOrg.2	494	Strgt.2
15	Grnd1.F	95	Rho4.7	175	Jazz.3	255	D8.5	335	D1.2	415	VoxOrg.3	495	Strgt.3
16	Grnd1.G	96	Rho4.8	176	Jazz.4	256	D8.6	336	D1.3	416	VoxOrg.4	496	Strgt.4
17	Grnd1.H	97	Rho4.9	177	Jazz.5	257	D8.7	337	D1.4	417	VoxOrg.5	497	Strgt.5
18	Grnd2.1	98	Rho4.A	178	Jazz.6	258	D8.8	338	D1.5	418	VoxOrg.6	498	Strgt.6
19	Grnd2.2	99	Rho4.B	179	Jazz.7	259	D8.9	339	D1.6	419	VxOrg-.1	499	Strgt.7
20	Grnd2.3	100	Wurli.1	180	Jazz.8	260	D8.A	340	D1.7	420	FngCym.1	500	TrpMed.1
21	Grnd2.4	101	Wurli.2	181	Jazz.9	261	D8.B	341	D1.8	421	Hibasi.1	501	TrpMed.2
22	Grnd2.5	102	Wurli.3	182	Jazz.A	262	D8.C	342	D1.9	422	StoneH.1	502	TrpMed.3
23	Grnd2.6	103	Wurli.4	183	Jazz.B	263	D8.D	343	D1.A	423	StoneH.2	503	TrpMed.4
24	Grnd2.7	104	Wurli.5	184	Rock.1	264	D4.1	344	D1.B	424	StoneS.1	504	TrpMed.5
25	Grnd2.8	105	Wurli.6	185	Rock.2	265	D4.2	345	Dw1+3.1	425	StoneS.2	505	TrpMed.6
26	Grnd2.9	106	Wurli.7	186	Rock.3	266	D4.3	346	Dw1+3.2	426	Gamln1.1	506	TrpSft.1
27	Grnd2.A	107	Wurli.8	187	Rock.4	267	D4.4	347	Dw1+3.3	427	Gamln1.2	507	TrpSft.2
28	Grnd2.B	108	Wurli.9	188	Rock.5	268	D4.5	348	Dw1+3.4	428	Gamln1.3	508	TrpSft.3
29	CP80.1	109	Wurli.A	189	Rock.6	269	D4.6	349	Dw1+3.5	429	Gamln2.1	509	TrpSft.4
30	CP80.2	110	Wurli.B	190	Rock.7	270	D4.7	350	Dw1+3.6	430	Gamln2.2	510	TrpSft.5
31	CP80.3	111	Wurli.C	191	Rock.8	271	D4.8	351	Dw1+3.7	431	Glock.1	511	TrpSft.6
32	CP80.4	112	Wurli.D	192	Rock.9	272	D4.9	352	Dw1+3.8	432	Glock.2	512	Trmpt.1
33	CP80.5	113	Wurli.E	193	Rock.A	273	D4.A	353	Dw1+3.9	433	Glock.3	513	Trmpt.2
34	CP80.6	114	Wurli+.1	194	Rock.B	274	D4.B	354	Dw1+3.A	434	Marimb.1	514	Trmpt.3
35	CP80.7	115	Wurli+.2	195	Rock.C	275	D4.C	355	Dw1+3.B	435	Marimb.2	515	Trmpt.4
36	CP80.8	116	DX7S.1	196	Rock.D	276	D4.D	356	Dw2+4.1	436	Vibra.1	516	Trmpt.5
37	CP80.9	117	DX7S.2	197	Rock.E	277	D2 2/3.1	357	Dw2+4.2	437	Vibra.2	517	Trmpt.6
38	CP80.A	118	DX7S.3	198	Rock.F	278	D2 2/3.2	358	Dw2+4.3	438	Xylo.1	518	Combi3.1
39	CP80.B	119	DX7S.4	199	Rock.G	279	D2 2/3.3	359	Dw2+4.4	439	HndBel.1	519	Horn.1
40	CP80.C	120	DX7H.1	200	Rock.H	280	D2 2/3.4	360	Dw2+4.5	440	HndBel.2	520	Horn.2
41	CP80.D	121	DX7H.2	201	Rock.I	281	D2 2/3.5	361	Dw2+4.6	441	HndBel.3	521	Horn.3
42	CP80+.1	122	DX7H.3	202	Rock.J	282	D2 2/3.6	362	Dw2+4.7	442	HndBel.4	522	StrL.1
43	CP80-.1	123	DX7H.4	203	Swish.1	283	D2 2/3.7	363	Dw2+4.8	443	HndBel.5	523	StrL.2
44	Rho1P.1	124	DX7H.5	204	Swish.2	284	D2 2/3.8	364	Dw2+4.9	444	HndBel.6	524	StrL.3
45	Rho1P.2	125	Clav1.1	205	Swish.3	285	D2 2/3.9	365	Dw2+4.A	445	SectnL.1	525	StrL.4
46	Rho1P.3	126	Clav1.2	206	Swish.4	286	D2 2/3.A	366	DrwEv.1	446	SectnL.2	526	StrL.5
47	Rho1P.4	127	Clav1.3	207	Swish.5	287	D2 2/3.B	367	DrwEv.2	447	SectnL.3	527	StrL.6
48	Rho1P.5	128	Clav1.4	208	Swish.6	288	D2 2/3.C	368	DrwEv.3	448	SectnL.4	528	StrL.7
49	Rho1P.6	129	Clav1.5	209	Swish.7	289	D2 2/3.D	369	DrwEv.4	449	SectnL.5	529	StrL.8
50	Rho1P.7	130	Clav1.6	210	Swish.8	290	D2.1	370	DrwEv.5	450	SectnL.6	530	StrL.9
51	Rho1P.8	131	Clav1.7	211	Swish.9	291	D2.2	371	DrwEv.6	451	SectnR.1	531	StrR.1
52	Rho1P.9	132	Clav1+.1	212	Swish.A	292	D2.3	372	DrwEv.7	452	SectnR.2	532	StrR.2
53	Rho1L.1	133	Clav2.1	213	Swish.B	293	D2.4	373	DrwEv.8	453	SectnR.3	533	StrR.3
54	Rho1L.2	134	Clav2.2	214	Swish.C	294	D2.5	374	DrwEv.9	454	PopBrs.1	534	StrR.4
55	Rho1L.3	135	Clav2.3	215	Swish.D	295	D2.6	375	DrwEv.A	455	PopBrs.2	535	StrR.5
56	Rho1L.4	136	Clav2.4	216	Swish-.1	296	D2.7	376	DrwEv.B	456	PopBrs.3	536	StrR.6
57	Rho1L.5	137	Clav2.5	217	D16.1	297	D2.8	377	DrwOd.1	457	PopBrs.4	537	StrR.7
58	Rho1L.6	138	Clav2.6	218	D16.2	298	D2.9	378	DrwOd.2	458	PopBrs.5	538	StrR.8
59	Rho1L.7	139	Clav2.7	219	D16.3	299	D2.A	379	DrwOd.3	459	PopBrs.6	539	StrR.9
60	Rho1L.8	140	Clav2.8	220	D16.4	300	D2.B	380	DrwOd.4	460	PopBrs.7	540	EnsMx.1
61	Rho1L.9	141	Clav2.9	221	D16.5	301	D2.C	381	DrwOd.5	461	Trmbn.1	541	EnsMx.2
62	Rho2S.1	142	Clav2.A	222	D16.6	302	D2.D	382	DrwOd.6	462	Trmbn.2	542	EnsMx.3
63	Rho2S.2	143	Clav2.B	223	D16.7	303	D1 3/5.1	383	DrwOd.7	463	Trmbn.3	543	EnsMx.4
64	Rho2S.3	144	Clav2.C	224	D16.8	304	D1 3/5.2	384	DrwOd.8	464	Trmbn.4	544	EnsMx.5
65	Rho2S.4	145	Clav2.D	225	D16.9	305	D1 3/5.3	385	DrwOd.9	465	Trmbn.5	545	EnsMx.6
66	Rho2S.5	146	Clav2.E	226	D16.A	306	D1 3/5.4	386	DrwOd.A	466	Trmbn.6	546	EnsMx.7
67	Rho2S.6	147	Clav3A.1	227	D16.B	307	D1 3/5.5	387	Perc.1	467	Trmbn.7	547	EnsMx.8
68	Rho2M.1	148	Clav3A.2	228	D16.C	308	D1 3/5.6	388	Perc.2	468	Trmbn.8	548	EnsMx.9
69	Rho2M.2	149	Clav3A.3	229	D16.D	309	D1 3/5.7	389	Perc.3	469	Trmbn.9	549	EnsMx.A
70	Rho2M.3	150	Clav3A.4	230	D16.E	310	D1 3/5.8	390	Perc.4	470	Trmbn.A	550	Nylon.1
71	Rho2M.4	151	Clav3A.5	231	D16.F	311	D1 3/5.9	391	Perc.5	471	SftTrb.1	551	Nylon.2
72	Rho2M.5	152	Clav3A.6	232	D5 1/3.1	312	D1 3/5.A	392	Perc.6	472	SftTrb.2	552	Nylon.3
73	Rho2M.6	153	Clav3A.7	233	D5 1/3.2	313	D1 3/5.B	393	Perc.7	473	SftTrb.3	553	Nylon.4
74	Rho2M.7	154	Clav3L.1	234	D5 1/3.3	314	D1 3/5.C	394	Perc.8	474	SftTrb.4	554	Nylon.5
75	Rho2H.1	155	Clav3L.2	235	D5 1/3.4	315	D1 3/5.D	395	Perc.9	475	SftTrb.5	555	Nylon.6
76	Rho2H.2	156	Clav3L.3	236	D5 1/3.5	316	D1 3/5.E	396	Perc.A	476	SftTrb.6	556	Nylon.7
77	Rho2H.3	157	Clav3L.4	237	D5 1/3.6	317	D1 3/5.F	397	Rotar.1	477	SftTrb.7	557	Nylon.8
78	Rho2H.4	158	Clav3L.5	238	D5 1/3.7	318	D1 3/5.G	398	Clack.1	478	SftTrb.8	558	Nylon.9
79	Rho2H.5	159	Clav3L.6	239	D5 1/3.8	319	D1 3/5.H	399	LesWho.1	479	SftFlg.1	559	Nylon.A
80	Rho2H.6	160	Clav3L.7	240	D5 1/3.9	320	D1 3/5.I	400	LesGrt.1	480	SftFlg.2	560	Nylon.B

Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name
561	NylnHi.1	641	StrtF.8	721	Dist2.7	801	Precsn.3	881	Alto.2	961	Padd.1	1041	Late-L.3
562	NylnHi.2	642	StrtF.9	722	Dist2.8	802	Precsn.4	882	Alto.3	962	ObBrs.1	1042	Late-L.4
563	NylnHi.3	643	StrtSl.1	723	Dist2.9	803	Precsn.5	883	Alto.4	963	ObBrs.2	1043	Late-L.5
564	NylnHi.4	644	StrtSl.2	724	Dist2.A	804	Precsn.6	884	Alto.5	964	ObBrs.3	1044	Late-L.6
565	Nylhrm.1	645	StrtSl.3	725	Dist2.B	805	Precsn.7	885	Alto.6	965	ObBrs.4	1045	Late-L.7
566	Nylhrm.2	646	StrtSl.4	726	Dist2.C	806	Precsn.8	886	Alto.7	966	ObBrs.5	1046	Late-L.8
567	Nylhrm.3	647	StrtSl.5	727	DistMt.1	807	Prcsn+.1	887	Alto.8	967	ObBrs.6	1047	P5Saw.1
568	Nylhrm.4	648	StrtSl.6	728	DistMt.2	808	Prcsn+.2	888	Alto.9	968	SyncLd.1	1048	P5Saw.2
569	Steel.1	649	StrtSl.7	729	DistMt.3	809	Prcsn+.3	889	Alto.A	969	SyncLd.2	1049	P5Saw.3
570	Steel.2	650	StrtSp.1	730	DistMt.4	810	Pecsn-.1	890	Tenor.1	970	SyncLd.3	1050	P5Saw.4
571	Steel.3	651	StrtSp.2	731	DistMt.5	811	Pecsn-.2	891	Tenor.2	971	SyncLd.4	1051	P5Saw.5
572	Steel.4	652	StrtSp.3	732	DistMt.6	812	Pecsn-.3	892	Tenor.3	972	SyncLd.5	1052	P5Saw.6
573	Steel.5	653	StrtSp.4	733	DistMt.7	813	Pecsn-.4	893	Tenor.4	973	SyncLd.6	1053	P5Saw.7
574	Steel.6	654	StrtSp.5	734	DistMt.8	814	PrsRw.1	894	Tenor.5	974	SyncLd.7	1054	P5Saw.8
575	Steel.7	655	StrtSp.6	735	DistMt.9	815	PrsRw.2	895	Tenor.6	975	SyncLd.8	1055	P5Saw.9
576	Steel.8	656	StrtSp.7	736	DistMt.A	816	PrsRw.3	896	Tenor.7	976	CS80Br.1	1056	P5Saw.A
577	Steel.9	657	StrtSp.8	737	DistMt.B	817	PrsRw.4	897	Tenor.8	977	CS80Br.2	1057	P5Saw.B
578	StelHi.1	658	StrtSp.9	738	FeedBk.1	818	PrsRw.5	898	Tenor.9	978	CS80Br.3	1058	P5Saw.C
579	StelHi.2	659	StrtMt.1	739	FeedBk.2	819	PrsRw.6	899	Tenor.A	979	CS80Br.4	1059	P5Saw.D
580	StelHi.3	660	StrtMt.2	740	FeedBk.3	820	PrsRw.7	900	Tenor.B	980	CS80Br.5	1060	P5Saw.E
581	StelLo.1	661	StrtMt.3	741	FeedBk.4	821	PrsRw.8	901	Tenor+.1	981	CS80Br.6	1061	Saw2.1
582	StelLo.2	662	StrtMt.4	742	FeedBk.5	822	PrsRw-.1	902	Bari.1	982	CS80Br.7	1062	Saw2.2
583	StlHrm.1	663	StrtMt.5	743	FeedBk.6	823	Pick.1	903	Bari.2	983	CS80Br.8	1063	Saw2.3
584	StlHrm.2	664	StrtMt.6	744	FeedBk.7	824	Pick.2	904	Bari.3	984	CS80Br.9	1064	Saw2.4
585	StlHrm.3	665	StrtMt.7	745	FeedBk.8	825	Pick.3	905	Bari.4	985	3o3Saw.1	1065	Saw2.5
586	StlHrm.4	666	StrtMt.8	746	FeedBk.9	826	Slap.1	906	Bari.5	986	3o3Saw.2	1066	Saw2.6
587	StlHrm.5	667	StrHrm.1	747	FeedBk.A	827	Slap.2	907	Bari.6	987	3o3Saw.3	1067	1o1Saw.1
588	StlHrm.6	668	StrHrm.2	748	FeedBk.B	828	Slap.3	908	Bari.7	988	3o3Saw.4	1068	1o1Saw.2
589	Single.1	669	StrHrm.3	749	FeedBk.C	829	Slap.4	909	Bari.8	989	3o3Saw.5	1069	1o1Saw.3
590	Single.2	670	StrHrm.4	750	FeedBk.D	830	Slap.5	910	Bari.9	990	3o3Saw.6	1070	1o1Saw.4
591	Single.3	671	StrHrm.5	751	FeedBk.E	831	Slap.6	911	SxBrth.1	991	3o3Saw.7	1071	1o1Saw.5
592	Single.4	672	Telcs.1	752	FeedBk.F	832	Slap2.1	912	Soprn.1	992	3o3Squ.1	1072	1o1Saw.6
593	Single.5	673	Telcs.2	753	FeedBk.G	833	Slap2.2	913	Soprn.2	993	3o3Squ.2	1073	1o1Saw.7
594	Single.6	674	Telcs.3	754	FeedBk.H	834	Slap2.3	914	Soprn.3	994	3o3Squ.3	1074	1o1Saw.8
595	Single.7	675	Telcs.4	755	FeedBk.I	835	Slap2.4	915	Soprn.4	995	3o3Squ.4	1075	1o1Saw.9
596	Single.8	676	Telcs.5	756	FeedBk.J	836	Frtl1.1	916	Soprn.5	996	3o3Squ.5	1076	1o1Saw.A
597	Single.9	677	Telcs.6	757	FeedBk.K	837	Frtl1.2	917	Soprn.6	997	3o3Squ.6	1077	1o1Sub.1
598	Single.A	678	Telcs.7	758	FeedBk.L	838	Frtl1.3	918	Soprn.7	998	3o3Squ.7	1078	1o1Sub.2
599	SnglHi.1	679	Telcs.8	759	FeedBk.M	839	Frtl1.4	919	Soprn.8	999	3o3Squ.8	1079	1o1Sub.3
600	SnglHi.2	680	Telcs.9	760	FeedBk.N	840	Frtl1.5	920	Soprn.9	1000	MogBs1.1	1080	1o1Sub.4
601	SnglHi.3	681	ES335.1	761	FeedBk.O	841	Frtl1.6	921	Soprn.A	1001	MogBs2.1	1081	1o1Sub.5
602	SnglHi.4	682	ES335.2	762	FeedBk.P	842	Frtl1+.1	922	Clari.1	1002	MogBs3.1	1082	1o1Sub.6
603	SnglHi.5	683	ES335.3	763	AcStic.1	843	Frtl1-.1	923	Clari.2	1003	FMBs1.1	1083	1o1Sub.7
604	SnglHi.6	684	ES335.4	764	AcStic.2	844	Frtl1-.2	924	Clari.3	1004	FMBs1.2	1084	1o1Sub.8
605	JzGtr.1	685	ES335.5	765	AcStic.3	845	Frtl2.1	925	Clari.4	1005	FMBs1.3	1085	1o1Sub.9
606	JzGtr.2	686	ES335.6	766	AcStic.4	846	Frtl2.2	926	Clari.5	1006	FMBs1.4	1086	1o1Sub.A
607	JzGtr.3	687	ES335.7	767	AcStic.5	847	Frtl2.3	927	Oboe.1	1007	FMBs1.5	1087	1o1Sub.B
608	JzGtr.4	688	ES335.8	768	AcStic.6	848	Frtl2.4	928	Oboe.2	1008	FMBs2.1	1088	1o1Sub.C
609	JzGtr.5	689	ES335.9	769	AcStic.7	849	Frtl2.5	929	Oboe.3	1009	FMBs2.2	1089	SawSqu.1
610	JzGtr.6	690	ES335.A	770	AcStic.8	850	Frtl2.6	930	Oboe.4	1010	FMBs2.3	1090	SawSqu.2
611	JzGtr.7	691	Front.1	771	AcStc-.1	851	SynVx1.1	931	Oboe.5	1011	FMBs3.1	1091	SawSqu.3
612	JzGtr.8	692	Front.2	772	6StrFn.1	852	SynVx1.2	932	Oboe.6	1012	FMBs3.2	1092	SawSqu.4
613	Strt.1	693	Front.3	773	6StrFn.2	853	SynVx1.3	933	Oboe.7	1013	FMBs3.3	1093	SawSqu.5
614	Strt.2	694	Front.4	774	6StrFn.3	854	SynVx1.4	934	Flute.1	1014	FMBs3.4	1094	SawSqu.6
615	Strt.3	695	Front.5	775	6StrFn.4	855	SynVx1.5	935	Flute.2	1015	FMBs4.1	1095	SawSqu.7
616	Strt.4	696	Front.6	776	6StrFn.5	856	SynVx2.1	936	Flute.3	1016	FMBs4.2	1096	SawSqu.8
617	Strt.5	697	Front.7	777	6StrFn.6	857	SynVx2.2	937	Flute.4	1017	FMBs4.3	1097	SquSaw.1
618	Strt.6	698	Front.8	778	6StrF-.1	858	SynVx2.3	938	Flute.5	1018	FMBs5.1	1098	SquSaw.2
619	Strt.7	699	Front.9	779	Fing1.1	859	SynVx2.4	939	Flute.6	1019	FMBs5.2	1099	SquSaw.3
620	Strt.8	700	DistCl.1	780	Fing1.2	860	SynVx2.5	940	Flute.7	1020	FMBs5.3	1100	SquSaw.4
621	Strt.9	701	DistCl.2	781	Fing1.3	861	SynVx2.6	941	Flute.8	1021	FMBs5.4	1101	SquSaw.5
622	Strt.A	702	DistCl.3	782	Fing1.4	862	VxNoiz.1	942	Flute.9	1022	FMBs5.5	1102	SquSaw.6
623	Strt.B	703	DistCl.4	783	Fing1.5	863	VxNoiz.2	943	PnFlt.1	1023	FMBs6.1	1103	SquSaw.7
624	StrtN.1	704	DistCl.5	784	Fing1.6	864	VxNoiz.3	944	PnFlt.2	1024	FMBs6.2	1104	SquSaw.8
625	StrtN.2	705	DistCl.6	785	Fing1.7	865	VxNoiz.4	945	PnFlt.3	1025	FMBs6.3	1105	MgRamp.1
626	StrtN.3	706	DistCl.7	786	Fing1.8	866	VxNoiz.5	946	PnFlt.4	1026	FMBs6.4	1106	MgRamp.2
627	StrtN.4	707	DistCl.8	787	Fing1+.1	867	VxNoiz.6	947	PnFlt.5	1027	FMBs6.5	1107	MgRamp.3
628	StrtN.5	708	DistCl.9	788	Fing1+.2	868	Oooo.1	948	ModSaw.1	1028	FMBs6.6	1108	MgRamp.4
629	StrtN.6	709	DistCl.A	789	Fing1-.1	869	Oooo.2	949	ModSaw.2	1029	FMFnk.1	1109	MgRamp.5
630	StrtN.7	710	DistCl.B	790	Fing1-.2	870	Oooo.3	950	ModSaw.3	1030	FMGtr.1	1110	MgRamp.6
631	StrtN.8	711	DistCl.C	791	Fing2.1	871	Oooo.4	951	ObStr.1	1031	Late-S.1	1111	MgRamp.7
632	StrtN.9	712	DistCl.D	792	Fing2.2	872	Oooo.5	952	ObStr.2	1032	Late-S.2	1112	MgRamp.8
633	StrtN.A	713	DistCl.E	793	Fing2.3	873	Oooo-.1	953	ObStr.3	1033	Late-S.3	1113	P10-1.1
634	StrtF.1	714	DistCl.F	794	Fing2.4	874	Oooo-.2	954	JpStr.1	1034	Late-S.4	1114	P10-1.2
635	StrtF.2	715	Dist2.1	795	Fing2.5	875	Itopia.1	955	JpStr.2	1035	Late-S.5	1115	P10-1.3
636	StrtF.3	716	Dist2.2	796	Fing2.6	876	Itopia.2	956	JpStr.3	1036	Late-S.6	1116	P10-1.4
637	StrtF.4	717	Dist2.3	797	Harmnc.1	877	Itopia.3	957	JpStr.4	1037	Late-S.7	1117	P10-1.5
638	StrtF.5	718	Dist2.4	798	Harmnc.2	878	Itopia.4	958	JpStr.5	1038	Late-S.8	1118	P10-1.6
639	StrtF.6	719	Dist2.5	799	Precsn.1	879	Itopia.5	959	JpStr.6	1039	Late-L.1	1119	P10-1.7
640	StrtF.7	720	Dist2.6	800	Precsn.2	880	Alto.1	960	SyzStr.1	1040	Late-L.2	1120	P10-1.8

Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name	Smpl No.	Smpl Name
1121	P10-2.1	1201	Digi05.3	1281	DgVox3.B	1361	BdHby.1	1441	T8Side.1
1122	P10-2.2	1202	Digi05.4	1282	DgVox4.1	1362	Bd2.1	1442	T8Rmst.1
1123	P10-2.3	1203	Digi05.5	1283	DgVox4.2	1363	BdDeep.1	1443	T8Clap.1
1124	P10-2.4	1204	Digi05.6	1284	DgVox4.3	1364	BdHiJz.1	1444	T8Tom.1
1125	P10-2.5	1205	Digi06.1	1285	DgVox4.4	1365	BdLoJz.1	1445	T8HHCl.1
1126	P10-2.6	1206	Digi06.2	1286	DgVox4.5	1366	SdGM.1	1446	T8HHOp.1
1127	P10-3.1	1207	Digi06.3	1287	DgVox4.6	1367	SdBldS.1	1447	T8Crsh.1
1128	P10-3.2	1208	Digi06.4	1288	DgVox4.7	1368	SdBldM.1	1448	T8CngL.1
1129	P10-3.3	1209	Digi07.1	1289	DgVox5.1	1369	SdBldH.1	1449	T8CngM.1
1130	P10-3.4	1210	Digi07.2	1290	DgVox5.2	1370	SdFsnL.1	1450	T8CngH.1
1131	P10-3.5	1211	Digi07.3	1291	DgVox5.3	1371	SdFsnH.1	1451	T8Cwbl.1
1132	P10-3.6	1212	Digi07.4	1292	DgVox5.4	1372	SdLdwS.1	1452	T8Clve.1
1133	P25-1.1	1213	Digi07.5	1293	DgVox5.5	1373	SdLdwH.1	1453	T8Mrcs.1
1134	P25-1.2	1214	Digi07.6	1294	DgVox5.6	1374	SdSonA.1	1454	T9BD1.1
1135	P25-1.3	1215	Digi07.7	1295	DgVox5.7	1375	SdSonB.1	1455	T9BD2.1
1136	P25-1.4	1216	Digi08.1	1296	DgVox5.8	1376	SdSonC.1	1456	T9BD3.1
1137	P25-1.5	1217	Digi08.2	1297	DgVox5.9	1377	SdSonD.1	1457	T9SD1.1
1138	P25-1.6	1218	Digi08.3	1298	DgVox5.A	1378	SdHvy.1	1458	T9SD2.1
1139	P25-1.7	1219	Digi08.4	1299	VoxG2.1	1379	SdPclS.1	1459	T9SD3.1
1140	P25-1.8	1220	Digi08.5	1300	VoxG2.2	1380	SdPclH.1	1460	T9SD4.1
1141	P25-2.1	1221	Digi08.6	1301	VoxG2.3	1381	SdPcBS.1	1461	T9SD5.1
1142	P25-2.2	1222	Digi08.7	1302	VoxG2.4	1382	SdPcBH.1	1462	T9SD6.1
1143	P25-2.3	1223	Digi09.1	1303	VoxG2.5	1383	SdPrmS.1	1463	T9Clap.1
1144	P25-2.4	1224	Digi09.2	1304	VoxG2.6	1384	SdPrmH.1	1464	T9Rim.1
1145	P25-2.5	1225	Digi09.3	1305	VoxG2.7	1385	SdWdS.1	1465	T9TomL.1
1146	P25-2.6	1226	Digi09.4	1306	VoxE3.1	1386	SdWdH.1	1466	T9TomM.1
1147	P25-2.7	1227	Digi09.5	1307	VoxE3.2	1387	SdBrsS.1	1467	T9TomH.1
1148	P50-1.1	1228	Digi10.1	1308	VoxE3.3	1388	SdBrsH.1	1468	T9HHC1.1
1149	P50-1.2	1229	Digi10.2	1309	VoxE3.4	1389	C.Rim1.1	1469	T9HHC2.1
1150	P50-1.3	1230	Digi10.3	1310	VoxE3.5	1390	C.Rim2.1	1470	T9HHO1.1
1151	P50-1.4	1231	Digi10.4	1311	VoxE3.6	1391	Stick.1	1471	T9HHO2.1
1152	P50-1.5	1232	Digi11.1	1312	VoxE3.7	1392	TomF.1	1472	T9Crsh.1
1153	P50-1.6	1233	Digi11.2	1313	Ep1.1	1393	TomL.1	1473	T9Ride.1
1154	P50-1.7	1234	Digi11.3	1314	Ep1.2	1394	TomM.1	1474	EuroBD.1
1155	P50-1.8	1235	Digi11.4	1315	Ep1.3	1395	TomHL.1	1475	DstKik.1
1156	P50-2.1	1236	Digi11.5	1316	Ep1.4	1396	TomHH.1	1476	AnvlHt.1
1157	P50-2.2	1237	Digi12.1	1317	Ep1.5	1397	TmJzL.1	1477	AnvlPp.1
1158	P50-2.3	1238	Digi12.2	1318	Ep2.1	1398	TmJzM.1	1478	Scrch1.1
1159	P50-2.4	1239	Digi12.3	1319	Ep2.2	1399	TmJzH.1	1479	Scrch2.1
1160	P50-2.5	1240	Digi12.4	1320	Ep2.3	1400	HHCl1.1	1480	VoxDrm.1
1161	P50-2.6	1241	Digi12.5	1321	Ep2.4	1401	HHCL2.1	1481	Ripper.1
1162	P50-2.7	1242	Bel1Wv.1	1322	Ep2.5	1402	HHCl3.1	1482	CONG.1
1163	Tri.1	1243	Bel1Wv.2	1323	Ep3.1	1403	HHPdl.1	1483	StlClp.1
1164	Tri.2	1244	Bel1Wv.3	1324	Ep3.2	1404	HHOpn.1	1484	WdBlk.1
1165	Tri.3	1245	Bel1Wv.4	1325	Ep3.3	1405	Ride.1		
1166	Tri.4	1246	Bel1Wv.5	1326	Ep3.4	1406	Cup.1		
1167	Tri.5	1247	Bel1Wv.6	1327	Ep3.5	1407	Crash.1		
1168	Tri.6	1248	Bel1Wv.7	1328	Ep4.1	1408	China.1		
1169	Tri.7	1249	Bel2Wv.1	1329	Ep4.2	1409	BongoL.1		
1170	Digi01.1	1250	Bel2Wv.2	1330	Ep4.3	1410	BongoH.1		
1171	Digi01.2	1251	Bel2Wv.3	1331	Ep4.4	1411	CongaL.1		
1172	Digi01.3	1252	Bel2Wv.4	1332	Ep4.5	1412	CongaH.1		
1173	Digi01.4	1253	Bel2Wv.5	1333	Ep5.1	1413	CngSlp.1		
1174	Digi01.5	1254	Bel2Wv.6	1334	Ep5.2	1414	Cowbel.1		
1175	Digi01.6	1255	Bel2Wv.7	1335	Ep5.3	1415	AgogoL.1		
1176	Digi01.7	1256	DgVox1.1	1336	Ep5.4	1416	GuiroL.1		
1177	Digi02.1	1257	DgVox1.2	1337	Ep5.5	1417	GiroCl.1		
1178	Digi02.2	1258	DgVox1.3	1338	EP6.1	1418	TmblsL.1		
1179	Digi02.3	1259	DgVox1.4	1339	EP6.2	1419	TmblsH.1		
1180	Digi02.4	1260	DgVox1.5	1340	EP6.3	1420	CuicaL.1		
1181	Digi02.5	1261	DgVox1.6	1341	EP6.4	1421	CuicaH.1		
1182	Digi02.6	1262	DgVox2.1	1342	EP6.5	1422	Wdblck.1		
1183	Digi02.7	1263	DgVox2.2	1343	Org1Wv.1	1423	Cabasa.1		
1184	Digi03.1	1264	DgVox2.3	1344	Org1Wv.2	1424	Claves.1		
1185	Digi03.2	1265	DgVox2.4	1345	Org1Wv.3	1425	Castnt.1		
1186	Digi03.3	1266	DgVox2.5	1346	Org2Wv.1	1426	Maracs.1		
1187	Digi03.4	1267	DgVox2.6	1347	Org2Wv.2	1427	Shaker.1		
1188	Digi03.5	1268	DgVox2.7	1348	Org3Wv.1	1428	Tmborn.1		
1189	Digi03.6	1269	DgVox2.8	1349	Org3Wv.2	1429	TrangL.1		
1190	Digi03.7	1270	DgVox2.9	1350	Org3Wv.3	1430	VbSlp.1		
1191	Digi03.8	1271	DgVox3.1	1351	Sin.1	1431	Whistl.1		
1192	Digi04.1	1272	DgVox3.2	1352	Noise.1	1432	Clap.1		
1193	Digi04.2	1273	DgVox3.3	1353	VoxBel.1	1433	JnglBl.1		
1194	Digi04.3	1274	DgVox3.4	1354	Melow.1	1434	Bltree.1		
1195	Digi04.4	1275	DgVox3.5	1355	WndChm.1	1435	T8BdBm.1		
1196	Digi04.5	1276	DgVox3.6	1356	BelAir.1	1436	T8Bd.1		
1197	Digi04.6	1277	DgVox3.7	1357	BigSyn.1	1437	T8SD1.1		
1198	Digi04.7	1278	DgVox3.8	1358	VxDcnd.1	1438	T8SD2.1		
1199	Digi05.1	1279	DgVox3.9	1359	BdStd.1	1439	T8SD3.1		
1200	Digi05.2	1280	DgVox3.A	1360	BdPop.1	1440	T8SD4.1		

■Wave List ■Liste der Wellenformen ■Liste des ondes

AWM Wave/AWM-Welle/OndesAWM

Wave No.	Cat.	WaveName	Wave No.	Cat.	WaveName	Wave No.	Cat.	WaveName	Wave No.	Cat.	WaveName	Wave No.	Cat.	WaveName
1	Pf	Grnd1	87	Or	VoxOrg	173	Ba	PrsRw+	259	Wv	Digi04	345	Pc	BongoH
2	Pf	Grnd1+	88	Or	VxOrg-	174	Ba	PrsRw-	260	Wv	Digi05	346	Pc	CongaL
3	Pf	Grnd1-	89	Cp	FngCym	175	Ba	Pick	261	Wv	Digi06	347	Pc	CongaH
4	Pf	Grnd2	90	Cp	Hibasi	176	Ba	Slap	262	Wv	Digi07	348	Pc	CngSlp
5	Pf	Grnd2+	91	Cp	StoneH	177	Ba	Slap+	263	Wv	Digi08	349	Pc	Cowbel
6	Pf	Grnd2-	92	Cp	StoneS	178	Ba	Slap-	264	Wv	Digi09	350	Pc	AgogoL
7	Pf	CP80	93	Cp	Gamln1	179	Ba	Slap2	265	Wv	Digi10	351	Pc	GuiroL
8	Pf	CP80+	94	Cp	Gamln2	180	Ba	Frtl1	266	Wv	Digi11	352	Pc	GiroCl
9	Pf	CP80-	95	Cp	Glock	181	Ba	Frtl1+	267	Wv	Digi12	353	Pc	TmblsL
10	Pf	Rho1P	96	Cp	Marimb	182	Ba	Frtl1-	268	Wv	Bel1Wv	354	Pc	TmblsH
11	Pf	Rho1P+	97	Cp	Vibra	183	Ba	Frtl2	269	Wv	Bel2Wv	355	Pc	CuicaL
12	Pf	Rho1P-	98	Cp	Xylo	184	Ba	Frtl2+	270	Wv	DgVox1	356	Pc	CuicaH
13	Pf	Rho1L	99	Cp	HndBel	185	Ba	Frtl2-	271	Wv	DgVox2	357	Pc	Wdblck
14	Pf	Rho1L+	100	Br	SectnL	186	En	SynVx1	272	Wv	DgVox3	358	Pc	Cabasa
15	Pf	Rho1L-	101	Br	SectnR	187	En	SyVx1+	273	Wv	DgVox4	359	Pc	Claves
16	Pf	Rho2S	102	Br	SectSt	188	En	SynVx2	274	Wv	DgVox5	360	Pc	Castnt
17	Pf	Rho2S+	103	Br	SctnL-	189	En	VxNoiz	275	Wv	VoxG2	361	Pc	Maracs
18	Pf	Rho2S-	104	Br	SctnR-	190	En	Oooo	276	Wv	VoxE3	362	Pc	Shaker
19	Pf	Rho2M	105	Br	SctSt-	191	En	Oooo+	277	Wv	Ep1	363	Pc	Tmborn
20	Pf	Rho2M+	106	Br	PopBrs	192	En	Oooo-	278	Wv	Ep2	364	Pc	TrangL
21	Pf	Rho2M-	107	Br	PopBr+	193	En	Itopia	279	Wv	Ep3	365	Pc	VbSlp
22	Pf	Rho2H	108	Br	Trmbn	194	Rd	Alto	280	Wv	Ep4	366	Pc	Whistl
23	Pf	Rho2H+	109	Br	Trmbn-	195	Rd	Alto+	281	Wv	Ep5	367	Pc	Clap
24	Pf	Rho2H-	110	Br	SftTrb	196	Rd	Alto-	282	Wv	EP6	368	Pc	JnglBl
25	Pf	Rho3	111	Br	SftFlg	197	Rd	Tenor	283	Wv	Org1Wv	369	Pc	Bltree
26	Pf	Rho3+	112	Br	SftFl-	198	Rd	Tenor+	284	Wv	Org2Wv	370	Dr	T8BdBm
27	Pf	Rho3-	113	Br	Hermn	199	Rd	Tenor-	285	Wv	Org3Wv	371	Dr	T8Bd
28	Pf	Rho4	114	Br	Strgt	200	Rd	Bari	286	Wv	Sin	372	Dr	T8SD1
29	Pf	Rho4+	115	Br	TrpMed	201	Rd	BigSx1	287	Wv	Noise	373	Dr	T8SD2
30	Pf	Rho4-	116	Br	TrpSft	202	Rd	BigSx2	288	Fx	VoxBel	374	Dr	T8SD3
31	Pf	Wurli	117	Br	Trmpt	203	Rd	SxBrth	289	Fx	Melow	375	Dr	T8SD4
32	Pf	Wurli+	118	Br	Trmpt+	204	Rd	Soprn	290	Fx	WndChm	376	Dr	T8Side
33	Pf	Wurli-	119	Br	Trmpt-	205	Rd	Soprn+	291	Fx	BelAir	377	Dr	T8Rmst
34	Pf	DX7S	120	Br	PiclTp	206	Rd	Soprn-	292	Fx	BigSyn	378	Dr	T8Clap
35	Pf	DX7H	121	Br	Combi1	207	Rd	Clari	293	Fx	VxDcnd	379	Dr	T8Tom
36	Pf	Clav1	122	Br	Combi2	208	Rd	Clari+	294	Dr	BdStd	380	Dr	T8HHCl
37	Pf	Clav1+	123	Br	Combi3	209	Rd	Clari-	295	Dr	BdPop	381	Dr	T8HHOp
38	Pf	Clav1-	124	Br	Combi4	210	Rd	Oboe	296	Dr	BdHby	382	Dr	T8Crsh
39	Pf	Clav2	125	Br	Horn	211	Rd	Oboe+	297	Dr	Bd2	383	Dr	T8CngL
40	Pf	Clav2+	126	St	StrL	212	Rd	Oboe-	298	Dr	BdDeep	384	Dr	T8CngM
41	Pf	Clav2-	127	St	StrLA	213	Pi	Flute	299	Dr	BdHiJz	385	Dr	T8CngH
42	Pf	Clav3A	128	St	StrR	214	Pi	Flute+	300	Dr	BdLoJz	386	Dr	T8Cwbl
43	Pf	Clav3L	129	St	StrRA	215	Pi	Flute-	301	Dr	SdGM	387	Dr	T8Clve
44	Pf	Clv3L+	130	St	StrST	216	Pi	PnFlt	302	Dr	SdBldS	388	Dr	T8Mrcs
45	Pf	Clv3L-	131	St	EnsMx	217	Pi	PnFlt-	303	Dr	SdBldM	389	Dr	T9BD1
46	Or	JmPrc	132	St	EnsMx-	218	Wv	ModSaw	304	Dr	SdBldH	390	Dr	T9BD2
47	Or	JmPrc-	133	Gt	Nylon	219	Wv	ObStr	305	Dr	SdFsnL	391	Dr	T9BD3
48	Or	Jazz	134	Gt	NylnHi	220	Wv	JpStr	306	Dr	SdFsnH	392	Dr	T9SD1
49	Or	Jazz+	135	Gt	Nylhrm	221	Wv	SyzStr	307	Dr	SdLdwS	393	Dr	T9SD2
50	Or	Jazz-	136	Gt	Steel	222	Wv	Padd	308	Dr	SdLdwH	394	Dr	T9SD3
51	Or	Rock	137	Gt	StelHi	223	Wv	ObBrs	309	Dr	SdSonA	395	Dr	T9SD4
52	Or	Rock+	138	Gt	StelLo	224	Wv	SyncLd	310	Dr	SdSonB	396	Dr	T9SD5
53	Or	Rock-	139	Gt	StlHrm	225	Wv	CS80Br	311	Dr	SdSonC	397	Dr	T9SD6
54	Or	Swish	140	Gt	Single	226	Wv	3o3Saw	312	Dr	SdSonD	398	Dr	T9Clap
55	Or	Swish-	141	Gt	SnglHi	227	Wv	3o3Squ	313	Dr	SdHvy	399	Dr	T9Rim
56	Or	D16	142	Gt	JzGtr	228	Wv	MogBs1	314	Dr	SdPclS	400	Dr	T9TomL
57	Or	D5 1/3	143	Gt	Strt	229	Wv	MogBs2	315	Dr	SdPclH	401	Dr	T9TomM
58	Or	D8	144	Gt	StrtN	230	Wv	MogBs3	316	Dr	SdPcBS	402	Dr	T9TomH
59	Or	D4	145	Gt	StrtF	231	Wv	FMBs1	317	Dr	SdPcBH	403	Dr	T9HHC1
60	Or	D2 2/3	146	Gt	StrtSl	232	Wv	FMBs2	318	Dr	SdPrmS	404	Dr	T9HHC2
61	Or	D2	147	Gt	StrtSp	233	Wv	FMBs3	319	Dr	SdPrmH	405	Dr	T9HHO1
62	Or	D1 3/5	148	Gt	StrtMt	234	Wv	FMBs4	320	Dr	SdWdS	406	Dr	T9HHO2
63	Or	D1 1/3	149	Gt	StrHrm	235	Wv	FMBs5	321	Dr	SdWdH	407	Dr	T9Crsh
64	Or	D1	150	Gt	Telcs	236	Wv	FMBs6	322	Dr	SdBrsS	408	Dr	T9Ride
65	Or	Dw1+3	151	Gt	ES335	237	Wv	FMFnk	323	Dr	SdBrsH	409	Dr	EuroBD
66	Or	Dw1+3+	152	Gt	Front	238	Wv	FMGtr	324	Dr	C.Rim1	410	Dr	DstKik
67	Or	Dw1+3-	153	Gt	DistCl	239	Wv	Late-S	325	Dr	C.Rim2	411	Pc	AnvlHt
68	Or	Dw2+4	154	Gt	Dist2	240	Wv	Late-L	326	Dr	Stick	412	Pc	AnvlPp
69	Or	Dw2+4+	155	Gt	DistMt	241	Wv	P5Saw	327	Dr	TomF	413	Pc	Scrch1
70	Or	Dw2+4-	156	Gt	FeedBk	242	Wv	Saw2	328	Dr	TomL	414	Pc	Scrch2
71	Or	DrwEv	157	Ba	AcStic	243	Wv	1o1Saw	329	Dr	TomM	415	Pc	VoxDrm
72	Or	DrwEv+	158	Ba	AcStc+	244	Wv	1o1Sub	330	Dr	TomHL	416	Pc	Ripper
73	Or	DrwEv-	159	Ba	AcStc-	245	Wv	SawSqu	331	Dr	TomHH	417	Pc	CONG
74	Or	DrwOd	160	Ba	6StrFn	246	Wv	SquSaw	332	Dr	TmJzL	418	Pc	StlClp
75	Or	DrwOd+	161	Ba	6StrF+	247	Wv	MgRamp	333	Dr	TmJzM	419	Pc	WdBlk
76	Or	DrwOd-	162	Ba	6StrF-	248	Wv	P10-1	334	Dr	TmJzH			
77	Or	Perc	163	Ba	Fing1	249	Wv	P10-2	335	Dr	HHCl1			
78	Or	Perc+	164	Ba	Fing1+	250	Wv	P10-3	336	Dr	HHCL2			
79	Or	Perc-	165	Ba	Fing1-	251	Wv	P25-1	337	Dr	HHCl3			
80	Or	Rotar	166	Ba	Fing2	252	Wv	P25-2	338	Dr	HHPdl			
81	Or	Clack	167	Ba	Fing2+	253	Wv	P50-1	339	Dr	HHOpn			
82	Or	LesWho	168	Ba	Harmnc	254	Wv	P50-2	340	Dr	Ride			
83	Or	LesGrt	169	Ba	Precsn	255	Wv	Tri	341	Dr	Cup			
84	Or	SftTmp	170	Ba	Prcsn+	256	Wv	Digi01	342	Dr	Crash			
85	Or	Farfis	171	Ba	Pecsn-	257	Wv	Digi02	343	Dr	China			
86	Or	Farfi-	172	Ba	PrsRw	258	Wv	Digi03	344	Pc	BongoL			

■EX5/5R Performance List
■Liste der EX5/5R Performances
■Liste des performances EX5/5R

VL Wave(Element)/ VL-Welle(Elemente)/ OndesVL(Elément)

Wave No.	WaveName	Wave No.	WaveName	Wave No.	WaveName	Wave No.	WaveName
1	MadTube	71	Suedehead	141	JetLipBow	211	BellMike
2	VintgLd	72	Spanish	142	Viol Inn	212	GlasTenr
3	SpaceZoo	73	JazzGtr	143	Muted Cone	213	FnkyTenr
4	GuitarHero	74	JazzyGuitr	144	Breath Bow	214	OldTenor
5	StoneHenge	75	L7 Pluck	145	Trumpt!2	215	BrtTenor
6	Whizzer	76	WetPluck	146	FluglHr!	216	BariSax!
7	SimpleBa	77	Comp Gtr	147	Cornet	217	Voxo Saxo
8	ClavBass	78	FunkyGtr	148	JzTrump	218	Oboe!
9	SuperBas	79	Thin Gtr	149	JzTrump 2	219	Oboe!2
10	New Slap	80	Carlos	150	Flumpet	220	Noboe
11	RockPigs	81	Destiny	151	WXTrumpt	221	OboeWhi
12	Igneous	82	Gonzo	152	MuteTp!	222	DblReedy
13	50 / 50	83	Grunge	153	MuteTp!2	223	TripleReed
14	Cybastrg	84	Ossyncro	154	Melwbone	224	EngHorn!
15	Wynth	85	TalkBox	155	Nearzo Brs	225	Loboe
16	BuzzSaw	86	SyncLead	156	Horn!	226	Bassoon!
17	ZubZub	87	Old Mini	157	Horn!2	227	Clarint!
18	Blue	88	Fat Mini	158	Nu Horne	228	LitePipe
19	OsciLead	89	Parlaphone	159	WX Horn	229	HyperClari
20	SqrLead	90	Simplesynt	160	Tuba!	230	Clarint2
21	Bigger	91	Choronic	161	NuViolin	231	Isle Pipe
22	AnaSquid	92	SlitMinu	162	C Violin	232	Chanter
23	SharpSyn	93	SynHarmon	163	BrtVioln	233	ThaiReed
24	AnaWave	94	Flaggoot	164	MuteViol	234	Recordr!
25	AnaWurl	95	SynSkex	165	BrtViola	235	Claricrd
26	Babalogue	96	ResoSqr	166	Viol Outt	236	SoftPipe
27	FingerBass	97	Wurli Lead	167	Cello!	237	BowedSaw
28	UprightBas	98	Flat Leed	168	Eleanor	238	Ocarina!
29	Fingeround	99	PhilTurd	169	Nu Cello	239	LonelyPhon
30	Birdland	100	ChalPuls	170	Contrair	240	Ophelia
31	FlageoBs	101	Pluck Ld	171	DoubleBow	241	Maysbe?
32	DampBass	102	Brassyn	172	Piccolo!	242	MizuHorn
33	Fretless!	103	AcoSynLd	173	Piccol!2	243	PicoStrg
34	Fretless!2	104	Moby	174	BowPicol	244	Sylophone
35	ThumBass	105	Digitron	175	C Flute	245	BowLead
36	RockBass	106	Lyric Off	176	C Flute2	246	Squeeze
37	SmooBass	107	Rezzawri	177	JazFlute	247	MouthKeys
38	WarmBass	108	Macro	178	OakFlute	248	AmpdHarp
39	YamaBass	109	Claribo	179	BtlFlut2	249	Croma Harp
40	Box Bass	110	Binaphone	180	RzdeFlt	250	WahUpHp
41	BassCab	111	MokoPipe	181	Flutuence	251	YamaBottle
42	FruitBas	112	AliBaba	182	Nz Flute	252	Blowsoon
43	Acid Bass!	113	Persinet	183	WX Shaku	253	Brappo
44	SquareBass	114	PicoPipe	184	Pan Pipes	254	Crumbone
45	PulsClavi	115	Gertrude	185	PanPicol	255	Klarinalto
46	MogueBas	116	Xynth	186	Bamboo	256	Reed Winde
47	Boppa Bass	117	Duality	187	Andean	257	InitVL
48	BuzzerBass	118	Alto Kweek	188	Flurinette	258	InitVL
49	MuteHarmBs	119	Softblow	189	SoftReed	259	InitVL
50	Tek Bass	120	AlbaPipe	190	Flurmodia	260	InitVL
51	TranzentBs	121	Electrump	191	Jhopali	261	InitVL
52	Chamelion	122	Edgeophone	192	Baroquen	262	InitVL
53	ParaSynBas	123	BassCla!	193	SquealerAT	263	InitVL
54	SteamBass	124	WX Clari	194	Nu Soprano	264	InitVL
55	BooBass	125	Oboe	195	CvSopSx	265	InitVL
56	WhelkBas	126	WX J Gtr	196	SoprPipe	266	InitVL
57	AtackSyn	127	Shakuhachi	197	LiteSopr	267	InitVL
58	Q.Klav	128	LipClari	198	AnaSoprn	268	InitVL
59	Sitar!	129	Vento	199	Nu AltoSax	269	InitVL
60	India	130	Floboe	200	SweetAlt	270	InitVL
61	Yamasteel	131	Sintax	201	AltoSax!	271	InitVL
62	StungStrum	132	Eastern	202	HarpAlto	272	InitVL
63	Mu	133	Trumpet!	203	HarpAlt2		
64	Waterphone	134	SoprSax!	204	GlassAlt		
65	DinoPerc	135	LiteAlto	205	AcidSax		
66	Formula	136	Trmbone!	206	WackSax		
67	Jurassic	137	BtlFlute	207	NuTenorSax		
68	DevilLaugh	138	Air Sax	208	MildTenr		
69	SpcHorse	139	Tenor Sax!	209	Jazz Sax		
70	Jason	140	Coca	210	TenorSub		

* Wave numbers 257 through 272 ("InitVLs") are for your VL element creation, and contain no data. Your original VL elements (Custom voices), created by the separately available Yamaha VL Visual Editor run on a PC, can be loaded to "InitVLs" as a part of bulk data.

				Part 1		Part 2	
No.	No.	Perf Name	Cat.	Voice No.	VoiceName	Voice No.	VoiceName
1	65	Radioactive	Sq	Int1-108	Soda Straw	Int2-40	Acid Saw
2	66	Eternal	Fx	Int2-92	Trancer	Int1-55	Witches
3	67	Dream Grand	Co	Pre1-2	Stereo Piano	Pre2-2	Warmer
4	68	Lover's Sax	Co	Pre2-97	Tennor Sax	Pre1-97	Swell String
5	69	Analog Bros	Co	Int2-23	Wave Bass	Pre1-91	SynthClassic
6	70	FX loop	Sq	Int2-127	FX Kit		
7	71	Lightyears	Fx	Pre2-118	Morphyum	Pre2-2	Warmer
8	72	Epic	Co	Pre1-106	Tremolo	Pre1-97	Swell String
9	73	DolphinDance	Fx	Int2-100	Texture#6 VS	Int1-49	Adventure
10	74	CirqueDeLuna	Fx	Pre1-61	Vibe	Pre2-114	Fractal
11	75	Sync Chords	Co	Int2-1	Equi 1998	Pre2-4	Soft Obi
12	76	Warpout	Se	Int2-78	Circular		
13	77	HotSpring	Fx	Pre1-64	WoodSequence	Int1-113	NewAge
14	78	Darkcore	Ba	Int2-22	Tosser	Int2-81	Down Spiral
15	79	Wave Pad	Pd	Pre2-8	Futopia	Pre1-117	Dreamsphere
16	80	Snow Dwarf	Fx	Int1-98	Reso Choir	Pre2-114	Fractal
17	81	80's Seq	Co	Pre2-27	Combi Comp	Int1-34	4 Osc Sweep
18	82	Piano String	Co	Pre1-2	Stereo Piano	Pre1-102	StereoString
19	83	HeadDriver	Ld	Int2-38	Mean Lead	Int2-39	Trippy
20	84	Alaskan	Br	Pre1-95	Jupiter	Pre1-93	OberBrass
21	85	BreathyChoir	Pd	Pre2-4	Soft Obi	Pre2-10	BreathChoir
22	86	Obi & Paddy	Co	Pre1-93	OberBrass	Pre2-2	Warmer
23	87	Two Amps	Gt	Pre2-58	Lead Switch	Pre2-52	Edgy Strat
24	88	Sunbeam	Pd	Pre1-117	Dreamsphere	Pre1-119	Fifth Rise
25	89	Relax	Pd	Pre1-126	Oberweich	Pre1-116	Clear Bell
26	90	FrenchSchool	Sq	Int1-41	BigArpeggio	Int2-52	Paris
27	91	Celebration	Fx	Int2-51	Oasis	Pre2-12	V-Choir
28	92	Fretles Pad	Co	Pre2-73	Fretless 2	Pre1-107	AnaOrch
29	93	Ballad Stack	Co	Pre1-1	Natural Grnd	Pre1-10	Georgia
30	94	Saphire	Fx	Int1-71	Harmonics	Int1-71	Harmonics
31	95	BeatExplorer	Sq	Int2-18	Lately Bass	Int2-127	FX Kit
32	96	Quarks	Pd	Int2-55	Vapor	Int1-64	Flow
33	97	Drums & Bass	Co	Pre2-125	Rock Kit	Pre2-68	Slapit
34	98	Roads&Brass	Co	Pre1-10	Georgia	Pre1-65	Sect
35	99	WideStrings	St	Pre1-102	StereoString	Pre1-107	AnaOrch
36	100	FlowerDrops	Fx	Pre2-121	Foam	Int2-67	Quickening
37	101	HybridRoads	Pf	Pre1-10	Georgia	Pre1-18	Made in USA
38	102	WallChoir	En	Pre1-122	Glass Choir		
39	103	Tower Brass	Br	Pre1-69	Pop Brass	Pre1-69	Pop Brass
40	104	Amethyst	Pd	Pre2-117	Kosmik Fluid	Pre2-121	Foam
41	105	Microbe X	Se	Int1-62	Flivver	Int2-75	Geiger Count
42	106	Clockshop	Se	Int2-91	BodyElectric	Int2-74	Broken Arp
43	107	CrystalLake	Pd	Pre2-3	Silverlake	Pre1-122	Glass Choir
44	108	Jazz Upr&Lwr	Or	Pre1-49	Jazz Perc	Pre1-44	Jazz Organ
45	109	Moonbase	Ba	Int2-23	Wave Bass	Pre2-66	Flatwound
46	110	Silver Bird	Co	Int1-58	FM Line	Pre1-99	EnsembleMix
47	111	The Dreamer	Co	Pre1-99	EnsembleMix	Pre2-94	Earth Lead
48	112	Stratosphere	Pd	Pre1-122	Glass Choir	Int1-60	Faraway
49	113	Digi Rock	Co	Int2-98	Generator	Int2-17	Mean Bass
50	114	NeoCity	Fx	Pre2-118	Morphyum	Pre2-115	Busy Brass
51	115	AnalogStrngs	St	Pre1-107	AnaOrch	Pre1-102	StereoString
52	116	The Journey	Sq	Int2-99	Natives	Int1-93	Pop
53	117	S P A W N E	Fx	Int2-74	Broken Arp	Int2-93	Drumnotized
54	118	TwinTenor	Rd	Pre2-97	Tennor Sax	Pre2-98	Tenor Soft
55	119	Emotion	Fx	Int2-65	RhythmWheels	Pre2-12	V-Choir
56	120	Experiment	Se	Int2-90	Radiophonik	Int2-75	Geiger Count
57	121	Midnite Blue	Co	Pre1-117	Dreamsphere	Pre1-83	Mute Trumpet
58	122	Nuclear	Fx	Int2-94	Eraser	Int2-52	Paris
59	123	Mars > Orion	Fx	Int1-85	Mars	Pre1-127	Orion
60	124	EX-Teknofarm	Sq	Int2-81	Down Spiral	Int2-1	Equi 1998
61	125	SteviesSplit	Co	Pre1-126	Oberweich	Pre2-85	Pulsaw
62	126	SmoothEnsmbl	St	Pre1-99	EnsembleMix	Pre1-97	Swell String
63	127	Water Dance	Pd	Int2-67	Quickening	Pre2-14	Nightchoir
64	128	Hokkaido	Co	Int1-53	EX god	Int1-55	Witches

* The performances numbered 65 through 128 contain the same data as those of the performances numbered 1 through 64.

■Controller List (Dest. Param: Destination Parameters)
■Liste mit Controllern (Dest Param: Zielparameter)
■Liste des contrôleurs (Paramètres de destination)

No.	LCD	Parameter	Voice/Element Type
0	off	Assign Off	ALL
1	COM Volume	Common Volume	Voice Common
2	COM Rev Send	Reverb Send Level	Voice Common
3	COM Cho Send	Chorus Send Level	Voice Common
4	COM Port SW	Portamwnt SW	Voice Common
5	EF1 Prm 1	Insertion-S Dist1	Voice Common
6	EF1 Prm 2	Insertion-S Dist2	Voice Common
7	EF1 Prm 3	Insertion-S Dist3	Voice Common
8	EF1 Prm 4	Insertion-S Dist4	Voice Common
9	EF1 Prm 5	Insertion-S Dist5	Voice Common
10	EF1 Prm 6	Insertion-S Dist6	Voice Common
11	EF1 Prm 7	Insertion-S Dist7	Voice Common
12	EF1 Prm 8	Insertion-S Dist8	Voice Common
13	EF1 Prm 9	Insertion-S Dist9	Voice Common
14	EF1 Prm 10	Insertion-S Dist10	Voice Common
15	EF1 Prm 11	Insertion-S Dist11	Voice Common
16	EF1 Prm 12	Insertion-S Dist12	Voice Common
17	EF1 Prm 13	Insertion-S Dist13	Voice Common
18	EF1 Prm 14	Insertion-S Dist14	Voice Common
19	EF1 Prm 15	Insertion-S Dist15	Voice Common
20	EF1 Prm 1	Insertion-L Dist1	Voice Common
21	EF2 Prm 2	Insertion-L Dist2	Voice Common
22	EF2 Prm 3	Insertion-L Dist3	Voice Common
23	EF2 Prm 4	Insertion-L Dist4	Voice Common
24	EF2 Prm 5	Insertion-L Dist5	Voice Common
25	EF2 Prm 6	Insertion-L Dist6	Voice Common
26	EF2 Prm 7	Insertion-L Dist7	Voice Common
27	EF2 Prm 8	Insertion-L Dist8	Voice Common
28	EF2 Prm 9	Insertion-L Dist9	Voice Common
29	EF2 Prm 10	Insertion-L Dist10	Voice Common
30	EF2 Prm 11	Insertion-L Dist11	Voice Common
31	EF2 Prm 12	Insertion-L Dist12	Voice Common
32	EF2 Prm 13	Insertion-L Dist13	Voice Common
33	EF2 Prm 14	Insertion-L Dist14	Voice Common
34	EF2 Prm 15	Insertion-L Dist15	Voice Common
35	EF2 Prm 16	Insertion-L Dist16	Voice Common
36	FDSP -------	FDSP Pan	Voice Common
37	FDSP -------	FDSP Dist1	Voice Common
38	FDSP -------	FDSP Dist2	Voice Common
39	FDSP -------	FDSP Dist3	Voice Common
40	FDSP -------	FDSP Dist4	Voice Common
41	FDSP -------	FDSP Dist5	Voice Common
42	FDSP -------	FDSP Dist6	Voice Common
43	FDSP -------	FDSP Dist7	Voice Common
44	FDSP -------	FDSP Dist8	Voice Common
45	AWM Volume	Volume	AWM Element
46	AWM PAN	PAN	AWM Element
47	AWM Tune Fine	Tune Fine	AWM Element
48	AWM Pitch	Pitch	AWM Element
49	AWM KeyOnDly	Key On Delay	AWM Element
50	AWM LFO1Speed	LFO1 Frequency	AWM Element
51	AWM LFO1 PMD	LFO1 PMD	AWM Element
52	AWM LFO1 AMD	LFO1 AMD	AWM Element
53	AWM LFO1 FMD	LFO1 CMD	AWM Element
54	AWM LFO2Speed	LFO2 Frequency	AWM Element
55	AWM LFO2Phase	LFO2 Wave Phase	AWM Element
56	AWM LFO2Depth	LFO2 Depth	AWM Element
57	AWM PEG Depth	PEG Depth	AWM Element
58	AWM PEG Hold	PEG Hold Time	AWM Element
59	AWM PEG D1Tim	PEG 1st Rate	AWM Element
60	AWM PEG D2Tim	PEG 2nd Rate	AWM Element
61	AWM PEG D3Tim	PEG 3rd Rate	AWM Element
62	AWM PEG R1Tim	PEG Release1 Rate	AWM Element
63	AWM PEG R2Tim	PEG Release2 Rate	AWM Element
64	AWM AEG AtTim	AEG AR	AWM Element
65	AWM AEG D1Tim	AEG D1R	AWM Element
66	AWM AEG D2Tim	AEG D2R	AWM Element
67	AWM AEG D3Tim	AEG D3R	AWM Element
68	AWM AEG R1Tim	AEG RR1	AWM Element
69	AWM AEG R2Tim	AEG RR2	AWM Element
70	AWM FEG Hold	FEG Initial Hold Rate	AWM Element
71	AWM FEG D1Tim	FEG 1st Rate	AWM Element
72	AWM FEG D2Tim	FEG 2nd Rate	AWM Element
73	AWM FEG D3Tim	FEG 3rd Rate	AWM Element
74	AWM FEG R1Tim	FEG Release1 Rate	AWM Element
75	AWM FEG R2Tim	FEG Release2 Rate	AWM Element
76	AWM FEG Depth	DCF1 FEG Depth	AWM Element
77	AWM DCF Reso	DCF Q	AWM Element
78	AWM DCF Freq	DCF1 Fc	AWM Element
79	AN Volume	Volume	AN Element
80	AN PAN	PAN	AN Element
81	AN Detune	Detune	AN Element
82	AN Pitch	Pitch	AN Element
83	AN Pitch Down	Pitch	AN Element
84	AN PEG DcyTim	PEG_DecayRate	AN Element
85	AN PEG Depth	PEG_Amount	AN Element
86	AN Port Time	PortamentoTime	AN Element
87	AN LFO1 Speed	LFO1_Speed	AN Element
88	AN LFO1 Delay	LFO1_Delay	AN Element
89	AN LFO2 Speed	LFO2_Speed	AN Element
90	AN Sync Pitch	VCO_Formant	AN Element
91	AN Sync Depth	VCO_SyncAmount	AN Element
92	AN FM Depth	VCO_FM_Amount	AN Element
93	AN VCO1 Edge	VCO1_Edge	AN Element
94	AN VCO1 PW	VCO1_PulseWidth	AN Element
95	AN VCO1 PWM	VCO1_PWM_Depth	AN Element
96	AN VCO1 PMD	VCO1_VibDepth	AN Element
97	AN VCO2 Edge	VCO2_Edge	AN Element
98	AN VCO2 PW	VCO2_PulseWidth	AN Element
99	AN VCO2 PWM	VCO2_PWM_Depth	AN Element
100	AN VCO2 PMD	VCO2_VibDepth	AN Element
101	AN VCO1 Level	MixVCO1Level	AN Element
102	AN VCO2 Level	MixVCO2Level	AN Element
103	AN Ring Mod	MixRmLevel	AN Element
104	AN NoiseLevel	MixNoiseLevel	AN Element
105	AN FEG At Tim	FEG_AttackRate	AN Element
106	AN FEG DcyTim	FEG_DecayRate	AN Element
107	AN FEG SusLvl	FEG_SustainLevel	AN Element
108	AN FEG Rl Tim	FEG_ReleaseRate	AN Element
109	AN VCF HPF	VCF_HPf_Cutoff	AN Element
110	AN VCF Freq	VCF_Cutoff	AN Element
111	AN VCF Reso	VCF_Emphasis	AN Element
112	AN FEG Depth	VCF_EnvelopeAmount	AN Element
113	AN VCF FMD	VCF_ModDepth	AN Element
114	AN AEG At Tim	AEG_AttackRate	AN Element
115	AN AEG DcyTim	AEG_DecayRate	AN Element
116	AN AEG SusLvl	AEG_SustainLevel	AN Element
117	AN AEG Rl Tim	AEG_ReleaseRate	AN Element
118	AN Feedback	VCA_FeedbackLevel	AN Element
119	AN VCA Volume	VCA_Volume	AN Element
120	AN VCA AMD	VCA_ModDepth	AN Element
121	DR PAN	PAN	DRUM Element
122	DR PEG Depth	PEG Depth	DRUM Element
123	DR DCF Reso	DCF Q	DRUM Element
124	DR DCF Freq	DCF1 Fc	DRUM Element
125	DR FEG Depth	DCF1 FEG Depth	DRUM Element
126	VL Volume	Volume	VL Element
127	L PAN	PAN	VL Element
128	VL Detune	Detune	VL Element
129	VL Pressure	Pressure	VL Element
130	VL Embouchure	Embouchure	VL Element
131	VL Tonguing	Tonguing	VL Element
132	L Scream	Scream	VL Element
133	VL Brth Noise	Breath Noise	VL Element
134	VL Growl	Growl	VL Element
135	VL Throat	Throat Formant	VL Element
136	VL Enhancer	Harmonic enhancer	VL Element
137	VL Damping	Damping	VL Element
138	VL Absorption	Absorption	VL Element
139	VL Amplitude	Amplitude	VL Element
140	VL Flt Freq	Filter	VL Element
141	VL FMD	Fmod	VL Element
142	VL PMD	Pmod	VL Element
143	VL Pitch	Pitch	VL Element
144	VL Flt Reso	Resonance	VL Element
145	VL EG At Tim	Aeg AR	VL Element
146	VL EG Rl Tim	Aeg RR	VL Element

NOTE: The parameters for EF1, EF2 and FDSP appearing on the screen depend on the currently selected type.
VL and AN parameters will be shown only when one of the VL/AN voices is selected.

■FDSP Parameter List ■FDSP Parameter-Liste ■Liste des Paramètres FDSP

Type1: EP Pickup

	Parameter	
1	pickup type	normal,integrate-defferentiate,differentiate
2	drive	-64~+63
3	drive kf	-64~+63
4	low break point	-48~+0
5	high break point	0~+48
6	position	0~127
7	position high kf	-64~+63
8	position high mid kf	-64~+63
9	position low mid kf	-64~+63
10	position low kf	-64~+63
11	output	-64~+63
12	output high kf	-64~+63
13	output high mid kf	-64~+63
14	output low mid kf	-64~+63
15	output low kf	-64~+63
16	high pass	0~127
17	high pass kf	-32~+64
18	cutoff	0~127
19	cutoff kf	-32~+64
20	resonance	0~31
	Controller	
1	drive control	
2	position control	
3	cutoff control	
4		
5		
6		
7		
8		
9		
10		

Type2: EG Pickup

	Parameter	
1	pickup type	single coil,hum backing
2	coarse	-24~+24
3	picking position	0~127
4	picking position kf	-64~+63
5	picking notch	-32~+32
6	pickup position	0~127
7	pickup position kf	-64~+63
8	pickup notch	-32~+32
9	drive	-48~+48
10	distance	0~127
11	output	-48~+48
12	output kf	-32~+32
13	highpass	0~127
14	highpass kf	-32~+64
15	cutoff	0~127
16	resonance	0~31
17	filter bypass	0~127
18		
19		
20		
	Controller	
1	picking position control	
2	pickup position control	
3	fret position control	
4	cutoff control	
5		
6		
7		
8		
9		
10		

Type3: Water

	Parameter	
1	pitch coarse	-64~+63
2	pitch fine	-50~+50
3	key follow	-32~+64
4	CutOff Frequency	0~127
5	Fc key follow	-15~+15
6	Resonance	0~63
7	Freq.Mod.Depth	0~63
8	Mod.Speed	2~200
9	Mod.Smoothness	0~63
10	Feedback level	0~63
11	FB key follow	-15~+15
12	High dump	0~15
13	High dump key follow	-15~+15
14	release time	0~48
15	highpass	0~127
16	wet level	-64~+63
17	dry level	-64~+63
18		
19		
20		
	Controller	
1	pitch control	
2	wet control	
3	dry control	
4		
5		
6		
7		
8		
9		
10		

Type4: PWM

	Parameter	
1	pitch coarse	-64~+63
2	key follow	-32~+64
3	pulse width	0~127
4	PWM depth	-64~+63
5	PWM depth vs	-64~+63
6	LFO mode	common,key on reset,random phase
7	LFO depth	0~64
8	LFO speed	1~255
9	LFO wave	tri,sin
10	LFO phase	0,90,180,270
11	EG mode	decay,attack,fade in
12	EG shape	0~64
13	EG time	0~127
14	EG time kf	-64~+63
15	balance	-32~+32
16		
17		
18		
19		
20		
	Controller	
1	PW control	
2	PWM control	
3	LFO depth control	
4	LFO speed control	
5	balance control	
6		
7		
8		
9		
10		

Type5: Flange

	Parameter	
1	pitch coarse	-64~+63
2	pitch fine	-50~+50
3	key follow	-32~+64
4	eg depth	-64~+63
5	eg depth vs	-64~+63
6	attack time	0~127
7	attack time kf	-64~+63
8	decay time	0~127
9	decay time kf	-64~+63
10	sustain level	0~127
11	release time	0~48
12	LFO depth	0~127
13	LFO speed	1~255
14	feedback level	-64~+63
15	feedback level vs	-64~+63
16	wet level	-64~+63
17	dry level	-64~+63
18		
19		
20		
	Controller	
1	pitch control	
2	eg depth control	
3	LFO depth control	
4	LFO speed control	
5	feedback control	
6	wet control	
7	dry control	
8		
9		
10		

Type6: Phaser

	Parameter	
1	pitch coarse	-64~+63
2	key follow	-32~+64
3	eg depth	-64~+63
4	eg depth vs	-64~+63
5	EG mode	decay,attack
6	EG time	0~127
7	EG time kf	-64~+63
8	release time	0~48
9	LFO depth	0~127
10	LFO speed	1~255
11	feedback level	-64~+63
12	feedback level vs	-64~+63
13	wet level	-64~+63
14	dry level	-64~+63
15		
16		
17		
18		
19		
20		
	Controller	
1	pitch control	
2	eg depth control	
3	LFO depth control	
4	LFO speed control	
5	feedback control	
6	wet control	
7	dry control	
8		
9		
10		

* Items listed under "Controller" can be selectable as the destination parameters for a Controller Set.

Type7: SelfFM

	Parameter	
1	pitch coarse	-64~+63
2	key follow	-32~+64
3	polarity	0~1
4	phase	0~127
5	drive	0~127
6	drive kf	-64~+63
7	drive eg depth	-64~+63
8	drive eg depth vs	-64~+63
9	drive lowpass	0~127
10	drive lowpass kf	-32~+64
11	EG mode	decay,attack
12	EG time	0~127
13	EG time kf	-64~+63
14	wet	-64~+63
15	wet vs	-64~+63
16	dry	-64~+63
17	dry vs	-64~+63
18		
19		
20		
	Controller	
1	drive control	
2	eg depth control	
3	phase control	
4		
5		
6		
7		
8		
9		
10		

Type8: Tornado

	Parameter	
1	pre gain	0~120
2	pre lowpass	0~127
3	drive	0~127
4	drive kf	-64~+63
5	eg depth	-64~+63
6	eg depth vs	-64~+63
7	decay time	0~127
8	release time	0~48
9	overtone	0~64
10	ceiling	0~127
11	edge bias	-64~+63
12	edge eg depth	-64~+63
13	highpass	0~127
14	highpass kf	-32~+64
15	lowpass	0~127
16	lowpass kf	-32~+64
17	wet gain	0~127
18	wet vs	-64~+63
19	wet	0~127
20	dry	0~127
	Controller	
1	drive control	
2	overtone control	
3	ceiling control	
4	egde bias control	
5	wet control	
6	dry control	
7		
8		
9		
10		

Type9: RingMod

	Parameter	
1	pitch coarse	-64~+63
2	pitch fine	-50~+50
3	sub pitch	0~127
4	key follow coarse	-32~+64
5	key follow fine	-64~+63
6	pitch eg depth	-64~+63
7	pitch eg depth vs	-64~+63
8	main frequency coarse	-64~+63
9	main frequency fine	-64~+63
10	sub frequency coarse	-64~+63
11	sub frequency fine	-64~+63
12	EG mode	
13	EG time	0~127
14	EG time kf	-64~+63
15	main modulation depth	-64~+63
16	main modulation eg depth	-64~+63
17	main modulation eg depth vs	-64~+63
18	sub modulation depth	-64~+63
19	sub modulation eg depth	-64~+63
20	sub modulation eg depth vs	-64~+63
	Controller	
1	pitch control	
2	pitch eg depth control	
3	main frequency control	
4	sub frequency control	
5	main modulation control	
6	sub modulation control	
7		
8		
9		
10		

Type10: Seismic

	Parameter	
1	input	-64~+16
2	drive	0~127
3	drive vs	-64~+63
4	drive kf	-64~+63
5	drive eg depth	-64~+63
6	drive eg depth vs	-64~+63
7	attack time	0~127
8	attack time kf	-64~+63
9	decay time	0~127
10	decay time kf	-64~+63
11	sustain level	0~127
12	over drive	0~127
13	highpass	0~127
14	highpass kf	-32~64
15	output	-60~+60
16		
17		
18		
19		
20		
	Controller	
1	drive control	
2	eg depth control	
3	over drive control	
4		
5		
6		
7		
8		
9		
10		

■Effect Type List ■Liste mit Effekt-Typen ■Liste des type d'effets

Reverb

No.	Effect Type	Remarks
0	off	Turn off the effect.
1	Rev Hall 1	Reverb simulating the acoustics of a hall.
2	Rev Hall 2	
3	Rev Room 1	Reverb simulating the acoustics of a room.
4	Rev Room 2	
5	Rev Room 3	
6	Rev Stage 1	Reverb appropriate for a solo instrument.
7	Rev Stage 2	
8	Rev Plate	Reverb simulating a metal plate reverb device.
9	RevWhiteRoom	Unique short reverb with a slight initial delay.
10	Rev Tunnel	Simulation of a cylindrical space extending to left and right.
11	Rev Basement	Reverb with distinctive resonance following a slight initial delay.
12	Rev Canyon	A hypothetical acoustic space which extends without limit.

Chorus

No.	Effect Type	Remarks
0	off	Turn off the effect.
1	Chorus 1	A standard chorus effect, adding natural spaciousness to the sound.
2	Chorus 2	
3	Chorus 3	
4	Chorus 4	
5	Chorus 5	
6	Celeste 1	An effect which uses a 3-phase LFO to add modulation and spaciousness to the sound.
7	Celeste 2	
8	Celeste 3	
9	Celeste 4	
10	Flanger 1	An effect reminiscent of a jet airplane taking off and landing.
11	Flanger 2	
12	Flanger 3	
13	Symphonic	A multi-stage version of CELESTE modulation.
14	Phaser	Cyclically changes the phase to modulate the sound.
15	Ensemble	Chorus effect without modulation, created by adding a slightly pitch-shifted sound.
16	Delay L,R	Two delay sounds L and R, with two feedback delays.
17	ControlDelay	A delay with controllable delay time.

Insertion Effect 1

No.	Effect Type	Remarks
0	thru	Turn off the effect.
1	Chorus 1	Conventional chorus effect which gives natural spaciousness to the sound.
2	Chorus 2	
3	Chorus 3	
4	Chorus 4	
5	Celeste 1	A three-phase LFO is used to give modulation and spaciousness to the sound.
6	Celeste 2	
7	Celeste 3	
8	Celeste 4	
9	Flanger 1	An effect reminiscent of a jet airplane taking off and landing.
10	Flanger 2	
11	Flanger 3	
12	Tremolo	An effect which cyclically modulates the volume.
13	Auto Pan	An effect which cyclically moves the sound between left/right and front/back.
14	Distortion	Adds distortion with an edge to the sound.
15	Overdrive	Adds mild distortion to the sound.
16	AmpSimulator	Simulation of a guitar amp.
17	Exciter	This effect adds new overtones to the input signal to make the sound stand out.
18	Compressor	Holds down the output when the input exceeds a specified level. Can be used to add a sense of attack to the sound.
19	Noise Gate	Gates the input when the input signal falls below a specified level. Useful for cutting noise from the A/D input, etc.
20	Auto Wah	Cyclically changes the center frequency of a wah filter. Can be used as a pedal wah by assigning it to a controller.
21	Touch Wah	Changes the center frequency of a wah filter according to the input level. Can be used as a pedal wah by assigning it to a controller.
22	Phaser	Cyclically changes the phase to modulate the sound.
23	Equalizer	Stereo EQ with equalization of LOW and HIGH. Ideal for Drum Parts.
24	3 Band EQ	Stereo EQ with equalization of LOW, MID and HIGH.

Insertion Effect 2

No.	Effect Type	Remarks
0	thru	Turns off the effect.
1	Chorus 1	Conventional chorus effect which gives natural spaciousness to the sound.
2	Chorus 2	
3	Chorus 3	
4	Chorus 4	
5	Chorus 5	
6	Celeste 1	A three-phase LFO is used to give modulation and spaciousness to the sound.
7	Celeste 2	
8	Celeste 3	
9	Celeste 4	
10	Flanger 1	An effect reminiscent of a jet airplane taking off and landing.
11	Flanger 2	
12	Flanger 3	
13	Symphonic	A multi-stage version of CELESTE modulation.
14	Delay L,C,R	Three delay sounds L, R and C (center).
15	Delay L,R	Two delay sounds L and R, with two feedback delays.
16	Echo	Two delays L and R, with independent feedback delay for L and R.
17	Cross Delay	This effect crosses the feedback of two delays.
18	Rotary Sp 1	Simulation of a rotary speaker. Can be used to control the rotation speed by assigning it to a controller.
19	Rotary Sp 2	
20	Tremolo	An effect which cyclically modulates the volume.
21	Auto Pan	An effect which cyclically moves the sound between left/right and front/back.
22	Ambience	An effect which adds spatial breadth by blurring the location of the sound.
23	Phaser 1	Cyclically changes the phase to modulate the sound.
24	Phaser 2	
25	Early Ref 1	This effect isolates only the early reflection components of the reverb.
26	Early Ref 2	
27	Gate Reverb	Simulation of gated reverb.
28	Reverse Gate	Simulation of gated reverb played back in reverse.
29	Karaoke 1	Echo for karaoke.
30	Karaoke 2	
31	Karaoke 3	
32	Auto Wah	Cyclically changes the center frequency of a wah filter. Can be used as a pedal wah by assigning it to a controller.
33	Touch Wah	Changes the center frequency of a wah filter according to the input level. Can be used as a pedal wah by assigning it to a controller.
34	A.Wah+Dist	Applies DISTORTION to the output of AUTO WAH to distort the sound. Can be used as a pedal wah by assigning it to a controller.
35	A.Wah+Overdr	Applies OVERDRIVE to the output of AUTO WAH to distort the sound. Can be used as a pedal wah by assigning it to a controller.
36	T.Wah+Dist	Applies OVERDRIVE to the output of TOUCH WAH to distort the sound. Can be used as a pedal wah by assigning it to a controller.
37	T.Wah+Overdr	Changes the center frequency of a wah filter according to the input level. Can be used as a pedal wah by assigning it to a controller.
38	Distortion	Adds distortion with an edge to the sound.
39	Overdrive	Adds mild distortion to the sound.
40	AmpSimulator	Simulation of a guitar amp.
41	Compressor	Holds down the output when the input exceeds a specified level. Can also be used to add a sense of attack to the sound.
42	Comp Dist	Since a compressor is included in the first stage, distortion can be applied evenly, regardless of the input level.
43	Exciter	This effect adds new overtones to the input signal to make the sound stand out.
44	Noise Gate	Gates the input when the input signal falls below a specified level. Useful for cutting noise from the A/D input, etc.
45	Rev Hall 1	Reverb simulating the acoustics of a hall.
46	Rev Hall 2	
47	Rev Room 1	Reverb simulating the acoustics of a room.
48	Rev Room 2	
49	Rev Room 3	
50	Rev Stage 1	Reverb appropriate for a solo instrument.
51	Rev Stage 2	
52	Rev Plate	Reverb simulating a metal plate reverb device.
53	PitchChange1	This effect changes the pitch of the input signal.
54	PitchChange2	
55	Ensemble	Chorus effect without modulation, created by adding a slightly pitch-shifted sound.
56	Voice Cancel	Attenuates the vocal part from sources such as CDs.
57	2 Band EQ	Stereo EQ with equalization of LOW and HIGH. Ideal for Drum Parts.
58	3 Band EQ	Stereo EQ with equalization of LOW, MID and HIGH.
59	Ctrl Delay 1	A delay with controllable delay time.
60	Ctrl Delay 2	
61	DPCM	Degrades the audio quality of the input signal.
62	V-Distortion	Distortion simulated the vintage tube and fuzz.
63	V-Flanger	Simulated analog flanger. Random can be selected for the LFO wave.
64	Talking Mod	Adds a vowel sound to the input signal.
65	Beat Change	Modifies the waveform length of the sound in realtime. Use in conjunction with a controller.
66	D.Scratch	Adds a scratch sound to the input signal.
67	Auto Synth	Processes the input signal into a synthesizer-type sound.
68	Tech Mod	Adds a unique feeling of modulation similar to ring modulation.
69	LoResolution	Simulates a lowered resolution for the input signal. The phase of the Rch can be inverted.
70	Noisy	Adds a feeling of noise to the input signal.
71	Attack LoFi	Creates a somewhat LoFi feeling, and emphasizes the attack of the sound. Also has the feel of a flanger.
72	D.Turntable	Simulates the noise of an analog record.
73	Jump	Cuts apart the input signal and applies extreme modulation to the playback order or speed.
74	Wah+Dist+Dly	TOUCH WAH, DISTORTION and DELAY are connected in series.
75	Wah+Odrv+Dly	TOUCH WAH, OVERDRIVE and DELAY are connected in series.
76	Cmp+Dist+Dly	COMPRESSOR, DISTORTION and DELAY are connected in series.
77	Cmp+Odrv+Dly	COMPRESSOR, OVERDRIVE and DELAY are connected in series.
78	Dist + Delay	DISTORTION and DELAY are connected in series.
79	Odrv + Delay	OVERDRIVE and DELAY are connected in series.

■Effect Parameter List ■Liste mit Effekt-Parametern
■Liste des Paramétres d'effets

1. Reverb Block

[0] off

[1] HALL1 ~ [8] PLATE		Controller
01. reverb time	0.3s~30.0sec	
02. diffusion	0~10	
03. initial delay	0.1ms~200.0ms	
04. HPF cutoff frequency	20Hz~8.0kHz	❍
05. LPF cutoff frequency	1.0kHz~20.0kHz	❍
06. reverb delay	0.1ms~200.0ms	
07. density	0~4	
08. ER / rev balance	E63>R ~ E=R ~ E<R63	❍
09. feedback high damp	0.1~1.0	
10. feedback gain	–63~+63	❍

[9] WHITE ROOM ~ [12] CANYON		Controller
01. reverb time	0.3s~30.0sec	
02. diffusion	0~10	
03. initial delay	0.1ms~200.0ms	
04. HPF cutoff frequency	20Hz~8.0kHz	❍
05. LPF cutoff frequency	1.0kHz~20.0kHz	❍
06. width	0.5m~30.2m	
07. height	0.5m~30.2m	
08. depth	0.5m~30.2m	
09. wall vary	0~30	
10. reverb delay	0.1ms~200.0ms	
11. density	0~4	
12. ER / rev balance	E63>R ~ E=R ~ E<R63	❍
13. feedback high damp	0.1~1.0	
14. feedback gain	–63~+63	❍

2. Chorus Block

[0] off

	[1] CHORUS1 ~ [5] CHORUS5 [6] CELESTE1 ~ [9] CELESTE4		Controller
	01. LFO frequency	0.0Hz~39.70Hz	❍
	02. LFO depth	0~127	❍
	03. feedback gain	–63~+63	❍
	04. delay offset	0.0ms~50.0ms	
	05. EQ low frequency	32Hz~2.0kHz	❍
✻	06. EQ low gain	–12dB~+12dB	❍
	07. EQ high frequency	500Hz~16.0kHz	❍
	08. EQ high gain	–12dB~+12dB	❍

[10] FLANGER1 ~ [12] FLANGER3		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. feedback gain	–63~+63	❍
04. delay offset	0.0ms~50.0ms	
05. LFO phase difference	–180deg~+180deg	
06 ~ 09. are the same as parameter ✻.		❍

[13] SYMPHONIC		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. delay offset	0.0ms~50.0ms	
04 ~ 07. are the same as parameter ✻.		❍

[14] PHASER		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. phase shift offset	0~127	
04. feedback gain	–63~+63	❍
05. stage	4, 5, 6	❍
06. diffusion	mono/stereo	❍
07 ~ 10. are the same as parameter ✻.		❍

[15] ENSEMBLE DETUNE		Controller
01. detune	–50cent~+50cent	
02. initial delay Lch	0.0ms~50.0ms	
03. initial delay Rch	0.0ms~50.0ms	

[16] DELAY L,R(stereo)		Controller
01. delay time L	0.1ms~743.0ms	
02. delay time R	0.1ms~743.0ms	
03. feedback time L	0.1ms~743.0ms	
04. feedback time R	0.1ms~743.0ms	
05. feedback gain	–63~+63	❍
06. feedback high damp	0.1~1.0	❍
07 ~ 10. are the same as parameter ✻.		❍

[17] Control Delay(mono)		Controller
01. delay time	0.1ms~1486.0ms	❍
02. delay transition rate	1~48	❍
03. feedback gain	–63~+63	❍
04. feedback high damp	0.1~1.0	❍
05 ~ 08. are the same as parameter ✻.		❍

3. Insertion Effect 1

[0] thru

[1]~[4]CHORUS1~4 [5]~[8]CELESTE1~ 4		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. feedback gain	–63~+63	❍
04. delay offset	0.0ms~50.0ms	
05 ~ 08. are the same as parameter ✻.		❍
09. input mode	mono/stereo	
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[9]~[11] FLANGER1~3		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. feedback gain	–63~+63	❍
04. delay offset	0.0ms~50.0ms	
05 ~ 08. are the same as parameter ✻.		❍
09. LFO phase difference	–180deg~+180deg	
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[12]TREMOLO		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. AM depth	0~127	❍
03. PM depth	0~127	❍
04. LFO phase difference	–180deg~+180deg	
05 ~ 08. are the same as parameter ✻.		❍
09. input mode	mono/stereo	

[13]AUTO PAN		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. L/R depth	0~127	❍
03. F/R depth	0~127	❍
04. PAN direction	L<>R, L>>R, L<<R, Lturn, Rturn, L/R	
05 ~ 08. are the same as parameter ✻.		❍

[14] DISTORTION [15] OVERDRIVE		Controller
01. drive	0~127	❍
02. EQ low frequency	32Hz~2.0kHz	❍
03. EQ low gain	–12dB~+12dB	❍
04. EQ mid frequency	100Hz~10.0kHz	❍
05. EQ mid gain	–12dB~+12dB	❍
06. EQ mid width	1~12.0	❍
07. LPF cutoff frequency	1.0kHz~20.0kHz	❍
08. edge	0~127	❍
09. output level	0~127	❍
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[16] AMP SIMULATOR		Controller
01. drive	0~127	❍
02. AMP type	Off,Stack,Combo,Tube	
03. LPF cutoff frequency	1.0kHz~20.0kHz	❍
04. edge	0~127	❍
05. output level	0~127	❍
06. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[17] EXCITER		Controller
01. HPF cutoff frequency	500Hz ~ 16.0kHz	❍
02. drive	0~127	❍
03. mix level	0~127	❍

[18] COMPRESSOR		Controller
01. attack	1ms~40ms	❍
02. release	10ms~680ms	❍
03. threshold	–48dB~+6dB	❍
04. ratio	1~20.0	❍
05. output level	0~127	❍

[19] NOISE GATE		Controller
01. attack	1ms~40ms	❍
02. release	10ms~680ms	❍
03. threshold	–72dB~+30dB	❍
04. output level	0~127	❍

[20] AUTO WAH

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. cutoff frequency offset	0~127	❍
04. resonanse	1~12.0	❍
05 ~ 08. are the same as parameter ✻.		❍
09. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[21] TOUCH WAH

		Controller
01. sensitive	0~127	❍
02. cutoff frequency offset	0~127	❍
03. resonanse	1~12.0	❍
04 ~ 07.are the same as parameter ✻.		❍
08. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[22] PHASER

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. phase shift offset	0~127	
04. feedback gain	–63~+63	❍
05. stage	4,5,6	❍
06. diffusion	mono/stereo	
07 ~ 10. are the same as parameter ✻.		❍
11. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[23] EQ

		Controller
01 ~ 04. are the same as parameter ✻.		❍

[24] 3BAND EQ

		Controller
01. EQ low frequency	50Hz~2.0kHz	❍
02. EQ low gain	–12dB~+12dB	❍
03. EQ mid frequency	100Hz~10.0kHz	❍
04. EQ mid gain	–12dB~+12dB	❍
05. EQ mid Q	1~12.0	❍
06. EQ high frequency	500Hz~16.0kHz	❍
07. EQ high gain	–12dB~+12dB	❍
08. input mode	mono/stereo	

4. Insertion Effect 2

[0] thru

[1]~[5]CHORUS1~5
[6]~[9] CELESTE1~4

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. feedback gain	–63~+63	❍
04. delay offset	0.0ms~50.0ms	
05 ~ 08. are the same as parameter ✻.		❍
09. EQ mid frequency	100Hz~10.0kHz	❍
10. EQ mid gain	–12dB~+12dB	❍
11. EQ mid Q	1~12.0	❍
12. input mode	mono/stereo	
13. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[10]~[12] FLANGER1~3

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. feedback gain	–63~+63	❍
04. delay offset	0.0ms~50.0ms	
05 ~ 08. are the same as parameter ✻.		❍
09. EQ mid frequency	100Hz~10.0kHz	❍
10. EQ mid gain	–12dB~+12dB	❍
11. EQ mid Q	1~12.0	❍
12. LFO phase difference	–180deg~+180deg	
13. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[13] SYMPHONIC

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. delay offset	0.0ms~50.0ms	
04 ~ 07. are the same as parameter ✻.		❍
08. EQ mid frequency	100Hz~10.0kHz	❍
09. EQ mid gain	–12dB~+12dB	❍
10. EQ mid Q	1~12.0	❍
11. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[14] DELAY L,C,R

		Controller
01. delay time L	0.1ms~1486.0ms	
02. delay time R	0.1ms~1486.0ms	
03. delay time C	0.1ms~1486.0ms	
04. feedback time	0.1ms~1486.0ms	
05. feedback gain	–63~+63	❍
06. delay level C	0~127	❍
07. feedback high damp	0.1~1.0	
08 ~ 11. are the same as parameter ✻.		❍
12. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[15] DELAY L,R

		Controller
01. delay time L	0.1ms~1486.0ms	
02. delay time R	0.1ms~1486.0ms	
03. feedback time 1	0.1ms~1486.0ms	
04. feedback time 2	0.1ms~1486.0ms	
05. feedback gain	–63~+63	❍
06. feedback high damp	0.1~1.0	
07 ~ 10. are the same as parameter ✻.		❍
11. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[16] ECHO

		Controller
01. delay time L1	0.1ms~743.0ms	
02. feedback gain L	–63~+63	❍
03. delay time R1	0.1ms~743.0ms	
04. feedback gain R	–63~+63	❍
05. feedback high damp	0.1~1.0	
06. delay time L2	0.1ms~743.0ms	
07. delay time R2	0.1ms~743.0ms	
08. delay level 2	0~127	❍
09 ~ 12. are the same as parameter ✻.		❍
13. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[17] CROSS DELAY

		Controller
01. delay time L>R	0.1ms~743.0ms	
02. delay time R>L	0.1ms~743.0ms	
03. feedback gain	–63~+63	❍
04. input select (type)	L, R, L&R	
05. feedback high damp	0.1~1.0	
06 ~ 09. are the same as parameter ✻.		❍
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[18] ROTARY SPEAKER1

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03 ~ 06. are the same as parameter ✻.		❍
07. EQ mid frequency	100Hz~10.0kHz	❍
08. EQ mid gain	–12dB~+12dB	❍
09. EQ mid Q	1~12.0	❍
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[19] ROTARY SPEAKER2

		Controller
01. rotor speed	0.0Hz~39.70Hz	❍
02. drive low	0~127	❍
03. drive high	0~127	❍
04. low / high balance	L63>H ~ L=H ~ L<H63	❍
05. mic L-R angle	0deg~180deg	
06. divide frequency	100Hz~10.0kHz	
07 ~ 10. are the same as parameter ✻.		❍

[20]TREMOLO

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. AM depth	0~127	❍
03. PM depth	0~127	❍
04. LFO phase difference	–180deg~+180deg	
05 ~ 08. are the same as parameter ✻.		❍
09. EQ mid frequency	100Hz~10.0kHz	❍
10. EQ mid gain	–12dB~+12dB	❍
11. EQ mid Q	1~12.0	❍
12. input mode	mono/stereo	

[21]AUTO PAN

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. L/R depth	0~127	❍
03. F/R depth	0~127	❍
04. PAN direction	L<>R, L>>R, L<<R, Lturn, Rturn, L/R	
05 ~ 08. are the same as parameter ✻.		❍
09. EQ mid frequency	100Hz~10.0kHz	❍
10. EQ mid gain	–12dB~+12dB	❍
11. EQ mid Q	1~12.0	❍

[22] Ambience

		Controller
01. delay time	0.0ms~50.0ms	
02. wet output phase	normal/inverse	❍
03 ~ 06. are the same as parameter ✻.		❍
07. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[23] PHASER1

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. phase shift offset	0~127	
04. feedback gain	–63~+63	❍
05. stage	4, 5, 6, 7, 8, 9, 10, 11, 12	❍
06. diffusion	mono/stereo	
07 ~ 10. are the same as parameter ✻.		❍
11. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[24] PHASER2

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. phase shift offset	0~127	
04. feedback gain	–63~+63	❍
05. stage	3, 4, 5, 6	❍
06. LFO phase difference	–180deg~+180deg	
07 ~ 10. are the same as parameter ✻.		❍
11. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[25]~[26]EARLY REF1~2

		Controller
01. type	S-hall, L-hall, random, reverse, plate, spring	
02. room size	0.1~20.0	
03. diffusion	0 ~ 10	
04. initial delay	0.1ms~200.0ms	
05. feedback gain	–63~+63	❍
06. HPF cutoff frequency	20Hz ~ 8.0kHz	❍
07. LPF cutoff frequency	1.0kHz~20.0kHz	❍
08. liveness	0 ~ 10	
09. density	0 ~ 3	
10. feedback high damp	0.1~1.0	
11. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[27] GATE REVERB
[28] REVERSE GATE

		Controller
01. type	type-A, type-B	
02 ~ 11. are the same as parameter EARLY REF1		

[29]~[31]KARAOKE1~3

		Controller
01. delay time	0.1ms~ 400.0ms	
02. feedback gain	–63~+63	❍
03. HPF cutoff frequency	20Hz ~ 8.0kHz	❍
04. LPF cutoff frequency	1.0kHz~20.0kHz	❍
05. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[32] AUTO WAH

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. cutoff frequency offset	0~127	❍
04. resonanse	1~12.0	❍
05 ~ 08. are the same as parameter ✻.		❍
09. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[33] TOUCH WAH

		Controller
01. sensitive	0~127	❍
02. cutoff frequency offset	0~127	❍
03. resonanse	1~12.0	❍
04 ~ 07. are the same as parameter ✻.		❍
08. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[34] AUTO WAH DISTORTION
[35] AUTO WAH OVERDRIVE

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. cutoff frequency offset	0~127	❍
04. resonanse	1~12.0	❍
05 ~ 08. are the same as parameter ✻.		❍
09. drive	0~127	❍
10. Dist low gain	–12dB~+12dB	❍
11. Dist mid gain	–12dB~+12dB	❍
12. LPF cutoff frequency	1.0kHz~20.0kHz	❍
13. output level	0~127	❍
14. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[36] TOUCH WAH DISTORTION
[37] TOUCH WAH OVERDRIVE

		Controller
01. sensitive	0~127	❍
02. cutoff frequency offset	0~127	❍
03. resonanse	1~12.0	❍
04 ~ 07. are the same as parameter ✻.		❍
08. drive	0~127	❍
09. Dist low gain	–12dB~+12dB	❍
10. Dist mid gain	–12dB~+12dB	❍
11. LPF cutoff frequency	1.0kHz~20.0kHz	❍
12. output level	0~127	❍
13. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[38] DISTORTION
[39] OVERDRIVE

		Controller
01. drive	0~127	❍
02. EQ low frequency	32Hz~2.0kHz	❍
03. EQ low gain	–12dB~+12dB	❍
04. EQ mid frequency	100Hz~10.0kHz	❍
05. EQ mid gain	–12dB~+12dB	❍
06. EQ mid Q	1~12.0	❍
07. LPF cutoff frequency	1.0kHz~20.0kHz	❍
08. edge	0~127	❍
09. output level	0~127	❍
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[40] AMP SIMULATOR

		Controller
01. drive	0~127	❍
02. Amp type	Off, Stack, Combo,Tube	
03. LPF cutoff frequency	1.0kHz~20.0kHz	❍
04. edge	0~127	❍
05. output level	0~127	❍
06. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[41] COMPRESSOR

		Controller
01. attack	1ms~40ms	❍
02. release	10ms~680ms	❍
03. threshold	–48dB~–6dB	❍
04. ratio	1~20.0	❍
05. output level	0~127	❍

[42] COMP DISTORTION

		Controller
01. attack	1ms~40ms	❍
02. release	10ms~680ms	❍
03. threshold	–48dB~–6dB	❍
04. ratio	1~20.0	❍
05. drive	0~127	❍
06. EQ low frequency	32Hz~2.0kHz	❍
07. EQ low gain	–12dB~+12dB	❍
08. EQ mid frequency	100Hz~10.0kHz	❍
09. EQ mid gain	–12dB~+12dB	❍
10. EQ mid Q	1~12.0	❍
11. LPF cutoff frequency	1.0kHz~20.0kHz	❍
12. edge	0~127	❍
13. output level	0~127	❍
14. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[43] EXCITER

		Controller
01. HPF cutoff frequency	500Hz ~ 16.0kHz	❍
02. drive	0~127	❍
03. mix level	0~127	❍

[44] NOISE GATE

		Controller
01. attack	1ms~40ms	❍
02. release	10ms~680ms	❍
03. threshold	–72dB~–30dB	❍
04. output level	0~127	❍

[45] HALL1 ~ [52] PLATE

		Controller
01. reverb time	0.3s~30.0s	
02. diffusion	0~10	
03. initial delay	0.1ms~99.3ms	
04. HPF cutoff frequency	20Hz~8.0kHz	❍
05. LPF cutoff frequency	1.0kHz~20.0kHz	❍
06. reverb delay	0.1ms~99.3ms	
07. density	0~4	
08. ER / rev balance	E63>R ~ E=R ~ E<R63	❍
09. feedback high damp	0.1~1.0	
10. feedback gain	–63~+63	❍
11. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[53] PITCH CHANGE1
[54] PITCH CHANGE2

		Controller
01. pitch	–24~+24	
02. initial delay	0.1ms~248.9ms	
03. fine1	–50~+50	
04. fine2	–50~+50	
05. feedback gain	–63~+63	❍
06. Pan1	L63~C~R63	❍
07. output level1	0~127	❍
08. Pan2	L63~C~R63	❍
09. output level2	0~127	❍
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[55] ENSEMBLE DETUNE

		Controller
01. detune	–50cent~+50cent	
02. initial delay Lch	0.0ms~50.0ms	
03. initial delay Rch	0.0ms~50.0ms	
04 ~ 07. are the same as parameter ✻.		❍
08. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[56] VOICE CANCELAR

		Controller
01. low adjust	0~26	
02. high adjust	0~26	

[57] 2BAND EQ

		Controller
01 ~ 04. are the same as parameter ✻.		❍

[58] 3BAND EQ

		Controller
01. EQ low frequency	50Hz~2.0kHz	❍
02. EQ low gain	–12dB~+12dB	❍
03. EQ mid frequency	100Hz~10.0kHz	❍
04. EQ mid gain	–12dB~+12dB	❍
05. EQ mid Q	1~12.0	❍
06. EQ high frequency	500Hz~16.0kHz	❍
07. EQ high gain	–12dB~+12dB	❍
08. input mode	mono/stereo	

[59] Control Delay(mono)

01. delay time	0.1ms~1486.0ms	❍
02. delay transition rate	1~48	❍
03. feedback level	–63~+63	❍
04. feedback high damp	0.1~1.0	❍
06~ 09. are the same as parameter ✻.		
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[60] Control Delay(stereo)

		Controller
01. delay time	0.1ms~743.0ms	❍
02. delay transition rate	1~48	❍
03. feedback level	–63~+63	❍
04. feedback high damp	0.1~1.0	❍
06~ 09. are the same as parameter ✻.		
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[61] DPCM

		Controller
01. sampling freq. control	44.1KHz~344Hz	❍
02. word length	1~127	❍
03. output gain	–6dB~+36dB	❍
04. Pre-LPF cutoff frequency	63Hz~20.0kHz	❍
05. Pre-LPF resonance	1~12.0	❍
06. filter type	thru, PowerBass, Radio, Telephone, Clean, Low	
07. bit assign	0~6	
08. emphasis	off/on	
09. input mode	mono/stereo	
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[62] V-Distortion

		Controller
01. Over Drive	0~100%	❍
02. Device	Transister,Vintage Tube,Dsitortion1,2, Fuzz	❍
03. Speaker Type	Flat, Stack, Combo,Twin,Radio,Megaphone	❍
04. Presence	–10~10	❍
05. output level	0~100%	❍
06. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[63] V-Flanger

		Controller
01. LFO frequency	0.0Hz~39.70Hz	❍
02. LFO depth	0~127	❍
03. LFO Wave	Triangle,Sine,Random	❍
04. delay offset	0.09~36.21ms	❍
05. Modulation Phase	–180~+180	❍
06 ~ 09. are the same as parameter ✻.		
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍
11. EQ mid frequency	100Hz~10.0kHz	❍
12. EQ mid gain	–12dB~+12dB	❍
13. EQ mid width	1~12.0	❍
14. Feedback Gain	–100~+100%	❍
15. feedback high damp	0.1~1.0	❍
16. Analog Feel	0~10	❍

[64] Talking Modulator

		Controller
01. vowel	a/i/u/e/o	❍
02. move speed	1~62	❍
03. drive	0~127	❍
04. output Level	0~127	❍

[65] Beat Change

		Controller
01. beat change	–63~+63	❍
02. beat range	0~12	❍
03. pitch change	–63~+63	❍
04. pitch range	0~12	❍
05. accuracy type	sound4~normal~rythm4	
06. EQ frequency	32Hz~2.0kHz	❍
07. EQ gain	–12dB~+12dB	❍
08. EQ Q	1.0~12.0	❍
09. dry / wet balance	D63>W~D=W~D<W63	❍

[66]DIGITAL SCRATCH

		Controller
01. input level	0~127	❍
02. initial delay	0.1~460.0ms	
03. scratch speed	1~127	❍
04. scratch depth	0~127	❍
05. auto pan speed	0.00Hz~39.7Hz	❍
06. auto pan depth	0~127	❍
07. EQ frequency	100Hz~10.0kHz	❍
08. EQ gain	–12~+12dB	❍
09. EQ Q	1.0~12.0	❍
10. HPF frequency	20Hz~8.0kHz	❍
11. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[67]AUTO SYNTH

		Controller
01. Mod speed	0~127	❍
02. Mod wave type	typeA, typeB, typeC, typeD	
03. Mod depth	0~127	❍
04. Mod depth ofst R	–63~+63	❍
05. LPF frequency	1.0kHz~20.0kHz	❍
06. HPF frequency	20Hz~8.0kHz	❍
07. dry mix level	0~127	❍
08. delay time	0.1~370.0ms	
09. delay time ofst R	0~884	
10. feedback gain	–63~+63	❍
11. feedback gain ofst R	–63~+63	❍
12. delay level	0~127	❍
13. AM speed	0.00Hz~39.7Hz	❍
14. AM wave	tri,sine,saw up,saw down	
15. AM depth	0~127	❍
16. AM inverse R	normal, inverse	

[68]TECH MODULATION

		Controller
01. Mod speed	0~127	❍
02. Mod depth	0~127	❍
03. Pre Mod HPF Freq	20Hz~8.0kHz	❍
04. Mod gain	–12~+12dB	❍
05. Mod LPF frequency	1.0kHz~20.0kHz	❍
06. Mod LPF resonance	1.0~12.0	❍
07. Mod mix balance	D63>W ~ D=W ~ D<W63	❍
08. delay time	0.1~740.0ms	
09. delay time ofst R	0~884	
10. feedback gain	–63~+63	❍
11. feedback gain ofst R	–63~+63	❍
12. feedback high damp	0.1~1.0	❍
13. feedback high damp ofst R	–0.9~+0.9	❍
14. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[69]LOW RESOLUTION

		Controller
01. Mod depth	0~127	❍
02. Mod delay ofst	1~127	
03. Mod feedback	–63~+63	❍
04. resolution	1,1/2~1/128	
05. Mod mix balance	0~127	❍
06. phase inverse R	off,wet,wet+dry	
07. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[70]NOISY

		Controller
01. drive	0~127	❍
02. Mod depth	0~10	❍
03. Mod speed	0~127	❍
04. Mod feedback	–63~+63	❍
05. AM speed	0.00Hz~39.7Hz	❍
06. AM depth	0~127	❍
07. Mod mix balance	1~127	❍
08. LPF frequency	1.0kHz~20.0kHz	❍
09. LPF resonance	1.0~12.0	❍
10. EQ frequency	100Hz~10.0kHz	❍
11. EQ gain	–12~+12dB	❍
12. EQ Q	1.0~12.0	❍
13. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[71]ATTACK LOFI

		Controller
01. sensitive	0~127	❍
02. resolution	1,1/2~1/32	
03. peak frequency	100Hz~10.0kHz	❍
04. LPF frequency	1.0kHz~20.0kHz	❍
05. flanger speed	0.00Hz~39.7Hz	❍
06. flanger LFO wave	tri,sine,saw up,saw down	
07. flanger depth	0~127	❍
08. flanger depth ofst R	–63~+63	❍
09. flanger delay	0.1~650.0ms	
10. flanger delay ofst R	0~884	
11. flanger feedback gain	–63~+63	❍
12. flanger feedback gain ofst R	–63~+63	❍
13. flanger feedback high damp	0.1~1.0	❍
14. flanger FB high damp ofst R	–0.9~+0.9	❍
15. flanger mix balance	1~127	❍
16. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[72]DIGITAL TURNTABLE

		Controller
01. click density	0~5	
02. click level	0~127	❍
03. noise tone	0~6	
04. noise Mod speed	0.00Hz~39.7Hz	❍
05. noise Mod depth	0~127	❍
06. dry send to noise	0~127	❍
07. noise LPF frequency	1.0kHz~20.0kHz	❍
08. noise LPF resonace	1.0~12.0	❍
09. noise level	0~127	❍
10. dry LPF frequency	1.0kHz~20.0kHz	❍
11. dry level	0~127	❍

[73]JUMP

		Controller
01. depth	0~127	❍
02. speed	0~127	❍
03. direction	L<>R,L>>R	
04. type	typeA,typeB,typeC	
05. jump wave type	typeA,typeB,typeC,typeD	
06. resolution	1,1/2~1/256	
07. LPF frequency	1.0kHz~20.0kHz	❍
08. HPF frequency	20Hz~8.0kHz	❍
09. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[74] WAH+DIST+DELAY
[75] WAH+ODRV+DELAY

		Controller
01. wah sensitive	0 ~ 127	❍
02. wah cutoff frequency	0 ~ 127	❍
03. wah resonance	1~12.0	❍
04. wah release	10ms~680ms	❍
05. dist. drive	0 ~ 127	❍
06. dist output level	0 ~ 127	❍
07. dist. EQ low gain	–12dB~+12dB	❍
08. dist. EQ mid gain	–12dB~+12dB	❍
09. delay time	0.1ms~1486.0ms	
10. delay feedback gain	–63~+63	❍
11. delay mix	0 ~ 127	❍
12. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[76] COMP+DIST+DELAY
[77] COMP+ODRV+DELAY

		Controller
01. comp attack	1ms~40ms	❍
02. comp release	10ms~680ms	❍
03. comp threshold	–48dB~ -6dB	❍
04. comp ratio	1 ~ 20.0	❍
05. dist drive	0 ~ 127	❍
06. dist output level	0 ~ 127	❍
07. dist EQ low gain	–12dB~+12dB	❍
08. dist EQ mid gain	–12dB~+12dB	❍
09. delay time	0.1ms~1486.0ms	
10. delay feedback gain	–63~+63	❍
11. delay mix	0 ~ 127	❍
12. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

[78] DIST+DELAY
[79] OVERDRIVE+DELAY

		Controller
01. dist drive	0 ~ 127	❍
02. dist output level	0 ~ 127	❍
03. dist EQ low gain	–12dB~+12dB	❍
04. dist EQ mid gain	–12dB~+12dB	❍
05. delay time L	0.1ms~1486.0ms	
06. delay time R	0.1ms~1486.0ms	
07. delay feedback time	0.1ms~1486.0ms	
08. delay feedback gain	–63~+63	❍
09. delay mix	0 ~ 127	❍
10. dry / wet balance	D63>W ~ D=W ~ D<W63	❍

■Groove Template List
■Groove Template-Liste
■Liste des modèles d’expressions rythmiques

No.	Template Name	No.	Template Name
01	32Quantize	51	16SlipBeat
02	24Quantize	52	16 Swing
03	16Quantize	53	16Swing+24
04	16+24Quant	54	16LiteSwn1
05	12Quantize	55	16LiteSwn2
06	08Quantize	56	16MidSwing
07	08+12Quant	57	16HevySwng
08	06Quantize	58	16FullSwng
09	04Quantize	59	16 Tardy
10	32 Swing	60	16 WayBack
11	24>16+12	61	16 Zydeco
12	24>16+12of	62	12>8+6
13	24 Drunk	63	12>8+6 ofs
14	24 Sambody	64	12 Ashanti
15	24Shfflin1	65	12AshntRev
16	24Shfflin2	66	12 Drunk
17	16AccntDwn	67	12 Ju-Ju
18	16AccentUp	68	12Ju-JuRev
19	16AcidJazz	69	12Shfflin1
20	16 Baion	70	12Shfflin2
21	16BaionBmb	71	12Shfflin3
22	16Batucada	72	08'70Disco
23	16beatRock	73	08AccntDwn
24	16 Bomba	74	08AccentUp
25	16 Caixa	75	08 Charlie
26	16 Cuban	76	08 Drunk
27	16 Drunk	77	08 Late1&3
28	16 Dun-Dun	78	08 Late2
29	16GetFunky	79	08 Late2&3
30	16Guaguanc	80	08 Late2&4
31	16 HipHop	81	08 Late234
32	16 House	82	08 Push 1
33	16 Jungle	83	08 Push 3
34	16 Late 2	84	08 Push1&3
35	16 Late2&4	85	08 Push2&4
36	16 Late234	86	08 Push234
37	16 Later	87	08 PushAll
38	16LatinRck	88	08PushStrg
39	16Overeasy	89	08 Swing
40	16 Push1&3	90	08Swing+12
41	16 Push2&4	91	08 HardBop
42	16 Push234	92	08 Bebop
43	16 PushAll	93	08 UpSwing
44	16 Rap	94	08MidSwing
45	16Repiniqu	95	08SlowSwng
46	16Roadhous	96	08JzBallad
47	16 Robot	97	08 WayBack
48	16Rustaman	98	06>4+3
49	16 Samba	99	06>4+3 ofs
50	16 UpSamba	100	04 Swing

■Arpeggio List
■Liste mit den Arpeggio-Typen
■Liste des Types arpèges

No.	Name
1	UpOct1
2	UpOct2
3	UpOct4
4	DnOct1
5	DnOct2
6	DnOct4
7	UpDnAOct1
8	UpDnAOct2
9	UpDnAOct4
10	UpDnBOct1
11	UpDnBOct2
12	UpDnBOct4
13	RndmOct1
14	RndmOct2
15	RndmOct4
16	Oct2Up
17	Oct4Up
18	UnisonUp
19	Up&Down1
20	Up&Down2
21	Up&Down4
22	Up&Alt1
23	Up&Rndm1
24	Up&Rndm2
25	Up&Rndm4
26	ChdAlsB1
27	ChdAlsB2
28	ChdAlsB4
29	ChdRndm1
30	ChdRndm2
31	ChdRndm4
32	TechnoA
33	TechnoB
34	TechnoC
35	DAHouse
36	SyncopaA
37	SyncopaB
38	SyncoEcho
39	TekkEchoA
40	TekkEchoB
41	PulseLine
42	SeqS&H1
43	SeqS&H2
44	CleanGt1
45	CleanGt2
46	CleanGt3
47	CleanGt4
48	Pno16Bt
49	PnoLatin
50	GrvBass

■Controll Change List
■Liste mit Controll Change-Daten
■Liste des changements de commande

No.	Control Change
000	Bank MSB (off)
001	Modulation Wheel
002	Breath Controller
004	Foot Controller
005	Portamento Time
006	Data Entry MSB
007	Main Volume
010	Pan Pot
011	Expression
016	General Purpose 1 (Knob 1)
017	General Purpose 2 (Knob 2)
018	General Purpose 3 (Knob 3)
019	General Purpose 4 (Knob 4)
020	General Purpose 5 (Knob 5)
021	General Purpose 6 (Knob 6)
032	Bank LSB (off)
038	Data Entry LSB (off)
064	Sustain
065	Portamento Switch
066	Sostenuto
071	Harmonic Contents
072	Release Time
073	Attack Time
074	Brightness
084	Portamento Control
091	Effect 1
092	Effect 2
093	Effect 3
094	Effect 4
095	Effect 5
096	Data Increment
097	Data Decrement
098	NRPN LSB
099	NRPN MSB
100	RPN LSB
101	RPN MSB

About MIDI

MIDI is an acronym that stands for Musical Instrument Digital Interface, which allows electronic musical instruments to "communicate" with each other, by sending and receiving compatible Note, Control Change, Program Change and various other types of MIDI data, or messages.
The EX can control a MIDI device by transmitting note related data and various types of controller data. The EX can be controlled by the incoming MIDI messages which automatically select MIDI channels, voices and effects, change parameter values, and of course play the voices specified for the various Parts in a Performance.

MIDI Messages Transmitted/Received by the EX

The MIDI messages can be divided into two groups: the Channel Messages and System Messages. Below is a brief explanation of the various types of MIDI messages which the EX can receive/transmit.

CHANNEL MESSAGES

The Channel Messages are the data related to the performance on the keyboard for the specific channel.

•Note On/Note Off (Key On/Key Off)
Messages which are generated when the keyboard is played. Each message includes a specific note number which corresponds to the key which is pressed, plus a velocity value based on how hard the key is struck.

•Control Change
Control Change messages let you select a voice bank (Bank Select), control volume, panning, modulation, portamento time, brightness and various other controller parameters, through specific Control Change numbers which correspond to each of the various parameters.

•Program Change
Messages which voice to select for each Part.
With a combination of Bank Select, you can select not only basic voice numbers, but also variation voice bank numbers.

•Channel Aftertouch
Messages which let you control the sounds by the pressure you apply to the keys after the initial striking of the keys, over the entire channel.

•Polyphonic Key Pressure
Messages which let you control the sounds by the pressure you apply to the keys after the initial striking of the keys, for each individual key.

•Pitch Bend
Pitch Bend messages are continuous controller messages that allow the pitch of designated notes to be raised or lowered by a specified amount over a specified duration.

SYSTEM MESSAGES

The System Messages are the data related to the overall system of the device.

•Exclusive Messages
Exclusive messages control various functions of the EX, including bulk dump, master volume and master tuning, effect type and various other parameters.

•Realtime Messages
Messages which control the sequencer including Start, Stop, Continue, MIDI clock and Active Sensing messages.

•Common Messages
Messages which also control the sequencer including Song Select and Song Position Pointer messages.

MIDI Data Format

Many MIDI messages listed in the MIDI Data Format section are expressed in hexadecimal or binary numbers. Hexadecimal numbers may include the letter "H" as a suffix. The letter "n" indicates a certain whole number.
The chart below lists the corresponding decimal number for each hexadecimal/binary number.

Decimal	Hexadecimal	Binary
0	00	0000 0000
1	01	0000 0001
2	02	0000 0010
3	03	0000 0011
4	04	0000 0100
5	05	0000 0101
6	06	0000 0110
7	07	0000 0111
8	08	0000 1000
9	09	0000 1001
10	0A	0000 1010
11	0B	0000 1011
12	0C	0000 1100
13	0D	0000 1101
14	0E	0000 1110
15	0F	0000 1111
16	10	0001 0000
17	11	0001 0001
18	12	0001 0010
19	13	0001 0011
20	14	0001 0100
21	15	0001 0101
22	16	0001 0110
23	17	0001 0111
24	18	0001 1000
25	19	0001 1001
26	1A	0001 1010
27	1B	0001 1011
28	1C	0001 1100
29	1D	0001 1101
30	1E	0001 1110
31	1F	0001 1111
32	20	0010 0000
33	21	0010 0001
34	22	0010 0010
35	23	0010 0011
36	24	0010 0100
37	25	0010 0101
38	26	0010 0110
39	27	0010 0111
40	28	0010 1000
41	29	0010 1001
42	2A	0010 1010
43	2B	0010 1011
44	2C	0010 1100
45	2D	0010 1101
46	2E	0010 1110
47	2F	0010 1111
48	30	0011 0000
49	31	0011 0001
50	32	0011 0010
51	33	0011 0011
52	34	0011 0100
53	35	0011 0101
54	36	0011 0110
55	37	0011 0111
56	38	0011 1000
57	39	0011 1001
58	3A	0011 1010
59	3B	0011 1011
60	3C	0011 1100
61	3D	0011 1101
62	3E	0011 1110
63	3F	0011 1111

Decimal	Hexadecimal	Binary
64	40	0100 0000
65	41	0100 0001
66	42	0100 0010
67	43	0100 0011
68	44	0100 0100
69	45	0100 0101
70	46	0100 0110
71	47	0100 0111
72	48	0100 1000
73	49	0100 1001
74	4A	0100 1010
75	4B	0100 1011
76	4C	0100 1100
77	4D	0100 1101
78	4E	0100 1110
79	4F	0100 1111
80	50	0101 0000
81	51	0101 0001
82	52	0101 0010
83	53	0101 0011
84	54	0101 0100
85	55	0101 0101
86	56	0101 0110
87	57	0101 0111
88	58	0101 1000
89	59	0101 1001
90	5A	0101 1010
91	5B	0101 1011
92	5C	0101 1100
93	5D	0101 1101
94	5E	0101 1110
95	5F	0101 1111
96	60	0110 0000
97	61	0110 0001
98	62	0110 0010
99	63	0110 0011
100	64	0110 0100
101	65	0110 0101
102	66	0110 0110
103	67	0110 0111
104	68	0110 1000
105	69	0110 1001
106	6A	0110 1010
107	6B	0110 1011
108	6C	0110 1100
109	6D	0110 1101
110	6E	0110 1110
111	6F	0110 1111
112	70	0111 0000
113	71	0111 0001
114	72	0111 0010
115	73	0111 0011
116	74	0111 0100
117	75	0111 0101
118	76	0111 0110
119	77	0111 0111
120	78	0111 1000
121	79	0111 1001
122	7A	0111 1010
123	7B	0111 1011
124	7C	0111 1100
125	7D	0111 1101
126	7E	0111 1110
127	7F	0111 1111

Additional Notes

- For example, 144 - 159(Decimal)/9nH/1001 0000 - 1001 1111(Binary) indicate the note-on messages for the channels 1 through 16 respectively. 176 - 191/BnH/1011 0000 - 1011 1111 indicate the control change messages for the channels 1 through 16 respectively. 192 - 207/CnH/1100 0000 - 1100 1111 indicate the program change messages for the channels 1 through 16 respectively. 240/F0H/1111 0000 is positioned at the beginning of data to indicate a system exclusive message. 247/F7H/1111 0111 is positioned at the end of the system exclusive message.

- aaH(Hexadecimal)/0aaaaaaa(Binary) indicates the data addresses. The data address consists of High, Mid and Low.

- bbH/0bbbbbbb indicates byte counts.

- ccH/0ccccccc indicates tcheck sums.

- ddH/0ddddddd indicates data/value.

1. NOTE ON/OFF

STATUS: 9nH/8nH

2. PROGRAM CHANGE

STATUS: CnH

3. PITCH BEND CHANGE

STATUS: EnH

4. CONTROL CHANGE

STATUS: BnH

<BANK SELECT MSB/LSB> 00H/20H

Cntrl#	parameter	Data Range
0	Bank Select MSB	63 (0x3F): Exclusive to EX
32	Bank Select LSB	0 (0x00):Preset1 Voice
		1 (0x01):Preset2 Voice
		2 (0x02):Internal1 Voice
		3 (0x03):Internal2 Voice
		64 (0x40):Performance
0	Bank Select MSB	0 (0x00): GM
32	Bank Select LSB	0 (0x00):Internal1 Voice
0	Bank Select MSB	127(0x7F): GM
32	Bank Select LSB	0 (0x00):Internal2 Voice

New bank selection will not become effective until the Program Change message is received.

<MODULATION> 01H

Cntrl#	parameter	Data Range
1	Modulation	0...127

<BREATH CONTROLLER> 02H

Cntrl#	parameter	Data Range
2	Breath Controller	0...127

<FOOT CONTROLLER> 04H

Cntrl#	parameter	Data Range
4	Foot Controller	0...127

<PORTAMENTO TIME> 05H

Cntrl#	parameter	Data Range
5	Portamento Time	0...127

Setting the value to 127 produces maximum portamento time and 0 results in minimum portamento time.

<DATA ENTRY MSB/LSB> 06H/26H

Cntrl#	parameter	Data Range
6	Data Entry MSB	0...127
38	Data Entry LSB	0...127

Messages which set the value for the parameter specified by RPN.

<MAIN VOLUME> 07H

Cntrl#	parameter	Data Range
7	Main Volume	0...127

<PAN POT> 0AH

Cntrl#	parameter	Data Range
10	Panpot	0...127

Setting the value to 127 positions to the right most and 0 positions to the left most.

<EXPRESSION> 0BH

Cntrl#	parameter	Data Range
11	Expression	0...127

<CONTROL CHANGE 13> 0DH

Cntrl#	parameter	Data Range
13	Control Change 13	0...127

<SUSTAIN> 40H

Cntrl#	parameter	Data Range
64	Sustain	0...127 (0-63:Off, 64-127:On)

<PORTAMENTO> 41H

Cntrl#	parameter	Data Range
65	Portamento	0...127 (0-63:Off, 64-127:On)

Portamento is applied according to the amount set in the Portamento Time when the Prtament is set to ON. MONO is selected when the Prtament is set to ON: Single Trigger mode is selected. In the other cases: Multi Trigger mode.

<SOSTENUTO> 42H

Cntrl#	parameter	Data Range
66	Sostenuto	0...127 (0-63:Off, 64-127:On)

<HARMONIC CONTENT> 47H

Cntrl#	parameter	Data Range
71	Harmonic Content	0...127 (0:-64, 64:+0, 127:+63)

Adjusts the resonance. Effective range may be narrower than the available range.

<RELEASE TIME> 48H

Cntrl#	parameter	Data Range
72	Release Time	0...127 (0:-64, 64:+0, 127:+63)

Adjusts the envelope release time. Effective range may be narrower than the available range.

<ATTACK TIME> 49H

Cntrl#	parameter	Data Range
73	Attack Time	0...127 (0:-64, 64:+0, 127:+63)

Adjusts the envelope attack time. Effective range may be narrower than the available range.

<BRIGHTNESS> 4AH

Cntrl#	parameter	Data Range
74	Brightness	0...127 (0:-64, 64:+0, 127:+63)
		Default:40H

Adjusts the filter cut-off frequency. Effective range may be narrower than the available range.

<PORTAMENT CONTROL> 54H

Cntrl#	parameter	Data Range
84	Portamento control	0...127

<EFFECT SEND LEVEL 1 (REVERB)> 5BH

Cntrl#	parameter	Data Range
91	Effect 1 Depth	0...127

Adjusts the reverb send level.

<EFFECT SEND LEVEL 3 (CHORUS)> 5DH

Cntrl#	parameter	Data Range
93	Effect3 Depth	0...127

Adjusts the chorus send level.

<DATA INCREMENT/DECREMENT> 60H/61H

Cntrl#	parameter	Data Range
96	Increment	0...127
97	Decrement	0...127

The data byte is ignored.
Messages which increase or decrease the MSB value designated by RPN.

<REGISTERED PARAMETER NUMBER (RPN) LSB/MSB> 64H/65H

Cntrl#	parameter	Data Range
100	RPN LSB	0...127
101	RPN MSB	0...127

The following parameters can be designated.

RPN LSB	MSB	MSB	parameter	Data Range
00H	00H	mmH	Pitch Bend Sensitivity	mm:00H-18H(0-+24) Default:02H
01H	00H	mmH	Fine Tune	mm:00H-40H-7FH(-64-0-+63) Default : 40H 00H
02H	00H	mmH	Coarse Tune	mm:28H-40H-58H(-24-0-+24) Default : 40H 00H
7FH	7FH	---	Null	---

5. CHANNEL MODE MESSAGES

<ALL SOUNDS OFF > 78H

Cntrl#	parameter	Data Range
120	-----	0

All the sounds currently played except for the channel messages are muted when receiving this message.

<RESET ALL CONTROLLERS> 79H

Cntrl#	parameter	Data Range
121	-----	0

Resets the values set for the following controllers.

PITCH BEND CHANGE	Center
CHANNEL AFTER TOUCH	0
MODULATION	0
BREATH CONTROLLER	Maximum
FOOT CONTROLLER	Maximum
EXPRESSION	Maximum
CONTROL CHANGE 13	Center
SUSTAIN SWITCH	Off
PORTAMENTO SWITCH	Off
SOSTENUTO SWITCH	Off
RPN	Null

Resets the Portamento Control setting.

<ALL NOTES OFF> 7BH

Cntrl#	parameter	Data Range
123	---------	0

All the notes currently set to on in a certain channel are muted when receiving this message.
However, if Hold 1 or Sostenute is on, notes will continue sounding until these are turned off.

<OMNI MODE OFF> 7CH

Cntrl#	parameter	Data Range
124	---------	0

Performs the same function as when receiving ALL NOTES OFF.

<OMNI MODE ON> 7DH

Cntrl#	parameter	Data Range
125	-----	0

Performs the same function as when receiving ALL NOTES OFF.

<MONO> 7EH

Cntrl#	parameter	Data Range
126	Mono	0...16

Performs the same function as when receiving ALL SOUNDS OFF. If the 3rd byte (mono) is within 0 through 16, the channel will be Mode4(m = 1).

<POLY> 7FH

Cntrl#	parameter	Data Range
127	-----	0

Performs the same function as when receiving ALL SOUNDS OFF. The channel will be Mode3.

6. CHANNEL AFTER TOUCH

STATUS: DnH

7. SYSTEM EXCLUSIVE MESSAGES

<UNIVERSAL REALTIME MESSAGES>

1) MIDI Master Volume (Receive only)
F0H,7FH,xnH,04H,01H,llH,mmH,F7H
xn:n=Device Number, xn=7F:Broadcast
ll:Don't care
mm:Master Volume
When received, Master Volume in the System Parameter will be changed.

2) MIDI Machine Control (Transmit only)
Transmits when MTC is selected for the timing clock.

2-1) STOP
F0H,7FH,7FH,06H,01H,F7H
Transmits when STOP is pressed.

2-2) DEFERRED PLAY
F0H,7FH,7FH,06H,03H,F7H
Transmits when RUN is pressed.

2-3) LOCATE
F0H,7FH,7FH,06H,44H,06H,01H,hrH,mnH,scH,frH,ffH,F7H
Transmits when moving in measures in the Song Play mode.

<UNIVERSAL NON-REALTIME MESSAGES>

1) GM System On (Receive only)
F0H,7EH,xnH,09H,01H,F7H
xn:n=Device Number, xn=7F:Broadcast
Resets all the data to their respective default values except for MIDI Master Tune.

2) ID Request(Receive only)
F0H,7EH,xnH,06H,01H,F7H
xn:n=Device Number, xn=7F:Broadcast

3) ID Reply(Transmit only)
F0H,7EH,0nH,06H,02H,43H,00H,41H,02H,xxH,00H,00H,00H,7EH,F7H
0n:n=Device Number
xx:33(EX5),34(EX5/5R),40(EX5R)
Transmits ID Reply when ID Request is received.

<PARAMETER CHANGES>
F0H,43H,1nH,idH,ahH,amH,alH,ddH,~,ddH,F7H
1n:n=Device Number
id:ID=5B,57
ah:Address High
am:Address Mid
al:Address Low
dd:Data

ID = 5BH			AH	AM	AL
1)	Current Performance / Common Parameters	See < Table 1>	10	**	**
2)	Current Performance / Part Parameters	See < Table 2>	3p	**	**
3)	Current Voice / Common TG Parameters	See < Table 3>	40	**	**
4)	Current Voice / Common Control Parameters	See < Table 4>	50	**	**
5)	Current Voice / Element Parameters 1	See < Table 5>	60	ee	**
6)	Current Voice / Element Parameters 2	See < Table 6>	70	ee	**
7)	Remote SW	See < Table 16>	0A	00	**

1) an 2) are effective only in the Performance mode.
3)~6) are effective only in the Voice mode.
7): receive only.

ID = 57H			AH	AM	AL
1)	Current VL Parameter	See < Table 7>	20	**	**

Effective only in the Voice mode.
p = Part No.(0~F:Part1~Part16)
ee = Element No.(00~7F:EL1~EL128)
** = Address (Refer to the tables)

[Other]
MIDI Master Tune (Receive only)
F0H,43H,1nH,27H,30H,00H,00H,mmH,llH,ccH,F7H
1n:n=Device Number
mm:Master Tune MSB
ll:Master Tune LSB
cc:Don't care

When received, Master Tune in the System Parameter will be changed.

<BULK DUMP>
F0H,43H,0nH,idH,bhH,blH,ahH,amH,alH,ddH,~,ddH,ccH,F7H
0n:n=Device Number
id:ID=5B,57
bh:Byte Count High
bl:Byte Count Low
ah:Address High
am:Address Mid
al:Address Low
dd:Data
cc:Check Sum

ID = 5BH			AH	AM	AL
1)	Current Performance / Common Bulk	See < Table 8>	10	00	00
2)	Current Performance / Part Bulk	See < Table 9>	3p	00	00
3)	1 Performance Bulk	See < Table 10>	11	00	nn
4)	Current Voice / All Bulk	See < Table 11>	40	00	00
5)	Current Voice / Element Bulk	See < Table 12>	60	ee	00

1) and 2) are effective only in the Performance mode.
4) and 5) are effective only in the Voice mode.

ID = 57H			AH	AM	AL
1)	Current VL Bulk	See < Table 14>	20	00	00
2)	1 VL Bulk	See < Table 15>	31	00	nn

1) is effective only in the Voice mode.
p = Part No.(0~F:Part1~Part16)
b = Memory Bank(1~4:P1,P2,I1,I2)
ee = Element No.(00~7F:EL1~EL128)
nn = Memory No.(Refer to the tables)

<BULK DUMP REQUEST>
F0H,43H,2nH,idH,ahH,amH,alH,F7H
2n:n=Device Number
id:ID=5B,57
ah:Address High
am:Address Mid
al:Address Low

Receive only.
Responds to all the Bulk Dumps.

See MIDI Data Table for Address and Byte Count.

The Check sum is the value that results in a value of 0 for the lower 7 bits when the Byte Count, Start Address, Data and Check sum itself are added. When receiving the Bulk Dump with the wrong check sum, a check sum error will be displayed.

8. SYSTEM COMMON MESSAGES

<MIDI TIME CODE (Quarter Frame Message)>
F1H,nxH
nx:data
Receives when MTC is selected for the timing clock.

<SONG POSITION POINTER>
F2H,llH,mmH
ll:Song Position LSB
mm:Song Position MSB
Transmits when moving in measures in the Song Play mode.
Receives when in the standby status in the Song Play mode.

9. SYSTEM REALTIME MESSAGES

Can transmit and receive.

<TIMING CLOCK>
STATUS: F8H

<START>
STATUS: FAH

<CONTINUE>
STATUS: FBH

<STOP>
STATUS: FCH

<ACTIVE SENSING>
STATUS: FEH
Once FE (Active Sensing) has been received, if no MIDI data is subsequently received for longer than an interval of approximately 300msec, the EX will perform the same function as when All Sounds Off, All Notes Off, and Reset All Controllers messages are received, and will then return to a status in which FE is not monitored.

MIDI Data Table

< Table 1 >

Current Performance / Common Parameter

Address (H)	Size (H)	Data (H)	Parameter	Description
10 00 00	2	00 20 - 00 7F	Performance Name 1	
00 01	2	00 20 - 00 7F	Performance Name 2	
00 02	2	00 20 - 00 7F	Performance Name 3	
00 03	2	00 20 - 00 7F	Performance Name 4	
00 04	2	00 20 - 00 7F	Performance Name 5	
00 05	2	00 20 - 00 7F	Performance Name 6	
00 06	2	00 20 - 00 7F	Performance Name 7	
00 07	2	00 20 - 00 7F	Performance Name 8	
00 08	2	00 20 - 00 7F	Performance Name 9	
00 09	2	00 20 - 00 7F	Performance Name 10	
00 0A	2	00 20 - 00 7F	Performance Name 11	
00 0B	2	00 20 - 00 7F	Performance Name 12	
00 0C	2	00 00 - 00 7F	Category	
00 0D	2	00 00 - 00 7F	Total Volume	
00 0E	2	00 00 - 00 01	TG/Master KBD Mode	Master KBD,TG
00 0F	2	00 00 - 00 7F	Reverb Type	
00 10	2	00 00 - 00 7F	Reverb Parameter1	
00 11	2	00 00 - 00 7F	Reverb Parameter2	
00 12	2	00 00 - 00 7F	Reverb Parameter3	
00 13	2	00 00 - 00 7F	Reverb Parameter4	
00 14	2	00 00 - 00 7F	Reverb Parameter5	
00 15	2	00 00 - 00 7F	Reverb Parameter6	
00 16	2	00 00 - 00 7F	Reverb Parameter7	
00 17	2	00 00 - 00 7F	Reverb Parameter8	
00 18	2	00 00 - 00 7F	Reverb Parameter9	
00 19	2	00 00 - 00 7F	Reverb Parameter10	
00 1A	2	00 00 - 00 7F	Reverb Parameter11	
00 1B	2	00 00 - 00 7F	Reverb Parameter12	
00 1C	2	00 00 - 01 7F	Reverb Parameter13H	
00 1D	2	00 00 - 01 7F	Reverb Parameter13L	
00 1E	2	00 00 - 01 7F	Reverb Parameter14H	
00 1F	2	00 00 - 01 7F	Reverb Parameter14L	
00 20	2	00 00 - 00 7F	Reverb Return	
00 21	2	00 00 - 00 7F	Reverb PAN	
00 22	2		reserve	
00 23	2	00 00 - 00 7F	Chorus Type	
00 24	2	00 00 - 01 7F	Chorus Parameter1H	
00 25	2	00 00 - 01 7F	Chorus Parameter1L	
00 26	2	00 00 - 01 7F	Chorus Parameter2H	
00 27	2	00 00 - 01 7F	Chorus Parameter2L	
00 28	2	00 00 - 01 7F	Chorus Parameter3H	
00 29	2	00 00 - 01 7F	Chorus Parameter3L	
00 2A	2	00 00 - 00 7F	Chorus Parameter4H	
00 2B	2	00 00 - 00 7F	Chorus Parameter4L	
00 2C	2	00 00 - 00 7F	Chorus Parameter5	
00 2D	2	00 00 - 00 7F	Chorus Parameter6	
00 2E	2	00 00 - 00 7F	Chorus Parameter7	
00 2F	2	00 00 - 00 7F	Chorus Parameter8	
00 30	2	00 00 - 00 7F	Chorus Parameter9	
00 31	2	00 00 - 00 7F	Chorus Parameter10	
00 32	2	00 00 - 00 7F	Chorus Parameter11	
00 33	2	00 00 - 00 7F	Chorus Parameter12	
00 34	2	00 00 - 00 7F	Chorus Return	
00 35	2	00 00 - 00 7F	Chorus PAN	
00 36	2	00 00 - 00 7F	Send Chorus to Reverb	
00 37	2	00 00 - 00 06	Arpeggiater Tempo Control	off,Knob1...Knob6
00 38	2		reserve	
00 39	2		reserve	
00 3A	2		reserve	
00 3B	2	00 00 - 00 0F	Bend Wheel Depth	
00 3C	2	00 00 - 00 0F	Bend Wheel Curve	
00 3D	2	00 00 - 00 7F	Bend Wheel Offset	
00 3E	2	00 00 - 00 0F	Modulation Wheel1 Depth	
00 3F	2	00 00 - 00 0F	Modulation Wheel1 Curve	
00 40	2	00 00 - 00 7F	Modulation Wheel1 Offset	
00 41	2	00 00 - 00 0F	CH After Depth	
00 42	2	00 00 - 00 0F	CH After Curve	
00 43	2	00 00 - 00 7F	CH After Offset	
00 44	2	00 00 - 00 7F	Modulation Wheel2 CC Number	
00 45	2	00 00 - 00 0F	Modulation Wheel2 Depth	
00 46	2	00 00 - 00 0F	Modulation Wheel2 Curve	
00 47	2	00 00 - 00 7F	Modulation Wheel2 Offset	
00 48	2	00 00 - 00 7F	Foot Controller CC Number	
00 49	2	00 00 - 00 0F	Foot Controller Depth	
00 4A	2	00 00 - 00 0F	Foot Controller Curve	
00 4B	2	00 00 - 00 7F	Foot Controller Offset	
00 4C	2	00 00 - 00 7F	Breath Controller CC Number	
00 4D	2	00 00 - 00 0F	Breath Controller Depth	
00 4E	2	00 00 - 00 0F	Breath Controller Curve	
00 4F	2	00 00 - 00 7F	Breath Controller Offset	
00 50	2	00 00 - 00 7F	Ribbon Controller CC Number	
00 51	2	00 00 - 00 0F	Ribbon Controller Depth	
00 52	2	00 00 - 00 0F	Ribbon Controller Curve	
00 53	2	00 00 - 00 0F	Ribbon Controller Hold	RESET,HOLD
00 54	2	00 00 - 00 7F	Ribbon Controller Offset	
00 55	2	00 00 - 00 7F	Knob1 CC Number	
00 56	2	00 00 - 00 0F	Knob1 Depth	
00 57	2	00 00 - 00 0F	Knob1 Curve	
00 58	2	00 00 - 00 7F	Knob1 Offset	
00 59	2	00 00 - 00 7F	Knob2 CC Number	
00 5A	2	00 00 - 00 0F	Knob2 Depth	
00 5B	2	00 00 - 00 0F	Knob2 Curve	
00 5C	2	00 00 - 00 7F	Knob2 Offset	
00 5D	2	00 00 - 00 7F	Knob3 CC Number	
00 5E	2	00 00 - 00 0F	Knob3 Depth	
00 5F	2	00 00 - 00 0F	Knob3 Curve	
00 60	2	00 00 - 00 7F	Knob3 Offset	
00 61	2	00 00 - 00 7F	Knob4 CC Number	
00 62	2	00 00 - 00 0F	Knob4 Depth	
00 63	2	00 00 - 00 0F	Knob4 Curve	
00 64	2	00 00 - 00 7F	Knob4 Offset	
00 65	2	00 00 - 00 7F	Knob5 CC Number	
00 66	2	00 00 - 00 0F	Knob5 Depth	
00 67	2	00 00 - 00 0F	Knob5 Curve	
00 68	2	00 00 - 00 7F	Knob5 Offset	
00 69	2	00 00 - 00 7F	Knob6 CC Number	
00 6A	2	00 00 - 00 0F	Knob6 Depth	
00 6B	2	00 00 - 00 0F	Knob6 Curve	
00 6C	2	00 00 - 00 7F	Knob6 Offset	
00 6D	2	00 00 - 00 01	Arpeggiater On	OFF/ON
00 6E	2	00 00 - 00 7F	Arpeggiater Type	
00 6F	2	00 00 - 00 01	Arpeggiater Hold	OFF/ON
00 70	2	00 00 - 00 01	Arpeggiater Tx A On	OFF/ON
00 71	2	00 00 - 00 01	Arpeggiater Tx B On	OFF/ON
00 72	2	00 00 - 00 0F	Arpeggiater MIDI Channel	
00 73	2	00 00 - 00 7F	Note Limit Low	
00 74	2	00 00 - 00 7F	Note Limit High	
00 75	2	00 00 - 01 7F	Arpeggiater Tempo	
00 76	2	00 00 - 00 7F	Knob1 Scene1	
00 77	2	00 00 - 00 7F	Knob1 Scene2	
00 78	2	00 00 - 00 7F	Knob2 Scene1	
00 79	2	00 00 - 00 7F	Knob2 Scene2	
00 7A	2	00 00 - 00 7F	Knob3 Scene1	
00 7B	2	00 00 - 00 7F	Knob3 Scene2	
00 7C	2	00 00 - 00 7F	Knob4 Scene1	
00 7D	2	00 00 - 00 7F	Knob4 Scene2	
00 7E	2	00 00 - 00 7F	Knob5 Scene1	
00 7F	2	00 00 - 00 7F	Knob5 Scene2	
01 00	2	00 00 - 00 7F	Knob6 Scene1	
01 01	2	00 00 - 00 7F	Knob6 Scene2	
01 02	2	00 00 - 00 01	Mono Mode	MONO,POLY
01 03	2	00 00 - 01 7F	Detune	
01 04	2	00 00 - 00 7F	Volume	
01 05	2	00 00 - 00 7F	PAN	
01 06	2	00 00 - 00 7F	Chorus Send	
01 07	2	00 00 - 00 7F	Reverb Send	
01 08	2	00 00 - 00 7F	Vibrato Rate	
01 09	2	00 00 - 00 7F	Vibrato Depth	
01 0A	2	00 00 - 00 7F	Vibrato Delay	
01 0B	2	00 00 - 00 7F	Filter Cut Off Frequency	
01 0C	2	00 00 - 00 7F	Filter Resonance	
01 0D	2	00 00 - 00 7F	EG Attack Time	
01 0E	2	00 00 - 00 7F	EG Decay Time	
01 0F	2	00 00 - 00 7F	EG Release Time	
01 10	2	00 00 - 00 01	Portament Switch	
01 11	2	00 00 - 00 7F	Portament Time	
01 12	2	00 00 - 00 7F	Pitch EG Initial Level	
01 13	2	00 00 - 00 7F	Pitch EG Attack Time	
01 14	2	00 00 - 00 7F	Pitch EG Release Level	
01 15	2	00 00 - 00 7F	Pitch EG Release Time	

< Table 2 >

Current Performance / Part Parameter

Address (H)	Size (H)	Data (H)	Parameter	Description
30 00 00	2	00 00 - 00 7F	Bank Select MSB	
00 01	2	00 00 - 00 02	Bank Select LSB	
00 02	2	00 00 - 00 7F	Program Number	
00 03	2	00 00 - 00 01	Same Note Number Key ON Assign	
00 04	2	00 00 - 00 03	TG Bank	
00 05	2	00 00 - 00 01	MONO/POLY Mode	
00 06	2	00 00 - 01 7F	Detune	
00 07	2	00 00 - 00 7F	Volume	
00 08	2	00 00 - 00 7F	PAN	
00 09	2	00 00 - 00 7F	Chorus Send	
00 0A	2	00 00 - 00 7F	Reverb Send	
00 0B	2	00 00 - 00 7F	Vibrato Rate	
00 0C	2	00 00 - 00 7F	Vibrato Depth	
00 0D	2	00 00 - 00 7F	Vibrato Delay	
00 0E	2	00 00 - 00 7F	Filter Cut Off Frequency	
00 0F	2	00 00 - 00 7F	Filter Resonance	
00 10	2	00 00 - 00 7F	EG Attack Time	
00 11	2	00 00 - 00 7F	EG Decay Time	
00 12	2	00 00 - 00 7F	EG Release Time	
00 13	2	00 00 - 00 01	Insertion SW	
00 14	2	00 00 - 00 01	Arpeggiater SW	
00 15	2	00 00 - 00 01	Portament Mode	
00 16	2	00 00 - 00 01	Portament SW	
00 17	2	00 00 - 00 7F	Portament Time	
00 18	2	00 00 - 00 7F	Pitch EG Initial Level	
00 19	2	00 00 - 00 7F	Pitch EG Attack Time	
00 1A	2	00 00 - 00 7F	Pitch EG Release Level	
00 1B	2	00 00 - 00 7F	Pitch EG Release Time	
00 1C	2	00 00 - 00 7F	TG Program Number	
00 1D	2		reserve	
│ │				
00 66	2		reserve	
00 67	2	00 10 - 00 58	Pitch Bend Upper Depth	
00 68	2	00 10 - 00 58	Pitch Bend Lower Depth	
00 69	2	00 00 - 00 09	Output Select	
00 6A	2	00 00 - 00 01	Layer SW	
00 6B	2	00 00 - 00 01	MIDI Receive SW	
00 6C	2		reserve	
00 6D	2	00 00 - 00 0F	MIDI Channel	
00 6E	2	00 20 - 00 58	Transpose	
00 6F	2	00 00 - 00 7F	Note Limit Low	
00 70	2	00 00 - 00 7F	Note Limit High	
00 71	2	00 01 - 00 7F	Velocity Limit LOW	
00 72	2	00 01 - 00 7F	Velocity Limit HIGH	
00 73	2	00 00 - 00 01	TX MIDI A	OFF/ON

00	74	2	00 00 - 00 01	TX MIDI B	OFF/ON
00	75	2	00 00 - 00 1F	Master Keyboard Velocity Curve	
00	76	2	00 00 - 00 7F	Master Keyboard Velocity Sense Depth	
00	77	2	00 00 - 00 7F	Master Keyboard Velocity Sence OFFset	
00	78	2	00 00 - 00 7F	Bend Wheel Initial Value	
00	79	2	00 00 - 00 7F	Modulation Wheel1 Initial Value	
00	7A	2	00 00 - 00 7F	CH After Initial Value	
00	7B	2	00 00 - 00 7F	Modulation Wheel2 Initial Value	
00	7C	2	00 00 - 00 7F	Foot Controller Initial Value	
00	7D	2	00 00 - 00 7F	Breath Controller Initial Value	
00	7E	2	00 00 - 00 7F	Ribbon Controller Initial Value	
00	7F	2	00 00 - 00 7F	Knob1 Initial Value	
01	00	2	00 00 - 00 7F	Knob2 Initial Value	
01	01	2	00 00 - 00 7F	Knob3 Initial Value	
01	02	2	00 00 - 00 7F	Knob4 Initial Value	
01	03	2	00 00 - 00 7F	Knob5 Initial Value	
01	04	2	00 00 - 00 7F	Knob6 Initial Value	
01	05	2	00 00 - 00 01	Tx Foot Volume	OFF/ON
01	06	2	00 00 - 00 01	Tx Bend Wheel	OFF/ON
01	07	2	00 00 - 00 01	Tx Modulation Wheel1	OFF/ON
01	08	2	00 00 - 00 01	Tx CH After	OFF/ON
01	09	2	00 00 - 00 01	Tx Modulation Wheel2	OFF/ON
01	0A	2	00 00 - 00 01	Tx Foot Controller	OFF/ON
01	0B	2	00 00 - 00 01	Tx Breath Controller	OFF/ON
01	0C	2	00 00 - 00 01	Tx Ribbon Controller	OFF/ON
01	0D	2	00 00 - 00 01	Tx Sustain	OFF/ON
01	0E	2	00 00 - 00 01	Tx Foot Sw	OFF/ON
01	0F	2	00 00 - 00 01	Tx Knob1	OFF/ON
01	10	2	00 00 - 00 01	Tx Knob2	OFF/ON
01	11	2	00 00 - 00 01	Tx Knob3	OFF/ON
01	12	2	00 00 - 00 01	Tx Knob4	OFF/ON
01	13	2	00 00 - 00 01	Tx Knob5	OFF/ON
01	14	2	00 00 - 00 01	Tx Knob6	OFF/ON
01	15	2	00 00 - 00 01	Init Tx CC	OFF/ON
01	16	2	00 00 - 00 01	Init Tx Knob	OFF/ON
01	17	2	00 00 - 00 01	Init Tx Pc	OFF/ON
01	18	2	00 00 - 00 01	Init Tx Vol & PAN	OFF/ON
01	19	2	00 00 - 00 01	Init Tg CC	OFF/ON
01	1A	2	00 00 - 00 01	Init Tg Knob	OFF/ON

p = Part No.(0 - F : Part1 - Part16)

< Table 3 >

Current Voice / Common TG Paramete

Address (H)			Size (H)	Data (H)	Parameter	Description
40	00	00	2	00 20 - 00 7F	Voice Name1	32-127(ASCII)
	00	01	2	00 20 - 00 7F	Voice Name2	
	00	02	2	00 20 - 00 7F	Voice Name3	
	00	03	2	00 20 - 00 7F	Voice Name4	
	00	04	2	00 20 - 00 7F	Voice Name5	
	00	05	2	00 20 - 00 7F	Voice Name6	
	00	06	2	00 20 - 00 7F	Voice Name7	
	00	07	2	00 20 - 00 7F	Voice Name8	
	00	08	2	00 20 - 00 7F	Voice Name9	
	00	09	2	00 20 - 00 7F	Voice Name10	
	00	0A	2	00 20 - 00 7F	Voice Name11	
	00	0B	2	00 20 - 00 7F	Voice Name12	
	00	0C	2	00 00 - 00 7F	Category	
	00	0D	2	00 00 - 00 7F	Voice Volume	
	00	0E	2	00 00 - 00 7F	Drum Layer Count/Layer Flag	
	00	0F	2	00 00 - 00 7F	Velocity Sense Depth	
	00	10	2	00 00 - 00 7F	Velocity Sense Offset	
	00	11	2	00 00 - 00 7F	Reverb Send Level	
	00	12	2	00 00 - 00 7F	Chorus Send Level	
	00	13	2	00 00 - 00 7F	Reverb Type	
	00	14	2	00 00 - 00 7F	Reverb Parameter1	
	00	15	2	00 00 - 00 7F	Reverb Parameter2	
	00	16	2	00 00 - 00 7F	Reverb Parameter3	
	00	17	2	00 00 - 00 7F	Reverb Parameter4	
	00	18	2	00 00 - 00 7F	Reverb Parameter5	
	00	19	2	00 00 - 00 7F	Reverb Parameter6	
	00	1A	2	00 00 - 00 7F	Reverb Parameter7	
	00	1B	2	00 00 - 00 7F	Reverb Parameter8	
	00	1C	2	00 00 - 00 7F	Reverb Parameter9	
	00	1D	2	00 00 - 00 7F	Reverb Parameter10	
	00	1E	2	00 00 - 00 7F	Reverb Parameter11	
	00	1F	2	00 00 - 00 7F	Reverb Parameter12	
	00	20	2	00 00 - 01 7F	Reverb Parameter13 H	
	00	21	2	00 00 - 01 7F	Reverb Parameter13 L	
	00	22	2	00 00 - 01 7F	Reverb Parameter14 H	
	00	23	2	00 00 - 01 7F	Reverb Parameter14 L	
	00	24	2	00 00 - 00 7F	Reverb Return	
	00	25	2	00 00 - 00 7F	Reverb PAN	
	00	26	2		reserve	
	00	27	2	00 00 - 00 7F	Chorus Type	
	00	28	2	00 00 - 01 7F	Chorus Parameter1H	
	00	29	2	00 00 - 01 7F	Chorus Parameter1L	
	00	2A	2	00 00 - 01 7F	Chorus Parameter2H	
	00	2B	2	00 00 - 01 7F	Chorus Parameter2L	
	00	2C	2	00 00 - 01 7F	Chorus Parameter3H	
	00	2D	2	00 00 - 01 7F	Chorus Parameter3L	
	00	2E	2	00 00 - 00 7F	Chorus Parameter4H	
	00	2F	2	00 00 - 00 7F	Chorus Parameter4L	
	00	30	2	00 00 - 00 7F	Chorus Parameter5	
	00	31	2	00 00 - 00 7F	Chorus Parameter6	
	00	32	2	00 00 - 00 7F	Chorus Parameter7	
	00	33	2	00 00 - 00 7F	Chorus Parameter8	
	00	34	2	00 00 - 00 7F	Chorus Parameter9	
	00	35	2	00 00 - 00 7F	Chorus Parameter10	
	00	36	2	00 00 - 00 7F	Chorus Parameter11	
	00	37	2	00 00 - 00 7F	Chorus Parameter12	
	00	38	2	00 00 - 00 7F	Chorus Return	
	00	39	2	00 00 - 00 7F	Chorus PAN	
	00	3A	2	00 00 - 00 7F	Send Chorus to Reverb	
	00	3B	2	00 00 - 00 03	Ins Type	Type1,Type2,Type3
	00	3C	2	00 00 - 00 06	Voice Type	AWM,VL,FDSP,AN-poly, AN-layer,AN+FDSP,Drum
	00	3D	2	00 00 - 00 7F	Insertion-S Type	
	00	3E	2	00 00 - 00 7F	Insertion-S Parameter1	
	00	3F	2	00 00 - 00 7F	Insertion-S Parameter2	
	00	40	2	00 00 - 00 7F	Insertion-S Parameter3	
	00	41	2	00 00 - 00 7F	Insertion-S Parameter4	
	00	42	2	00 00 - 00 7F	Insertion-S Parameter5	
	00	43	2	00 00 - 00 7F	Insertion-S Parameter6	
	00	44	2	00 00 - 00 7F	Insertion-S Parameter7	
	00	45	2	00 00 - 00 7F	Insertion-S Parameter8	
	00	46	2	00 00 - 00 7F	Insertion-S Parameter9	
	00	47	2	00 00 - 00 7F	Insertion-S Parameter10	
	00	48	2	00 00 - 00 7F	Insertion-S Parameter11	
	00	49	2	00 00 - 00 7F	Insertion-S Parameter12	
	00	4A	2	00 00 - 00 7F	Insertion-S Parameter13	
	00	4B	2	00 00 - 00 7F	Insertion-S Parameter14	
	00	4C	2	00 00 - 00 7F	Insertion-S Parameter15	
	00	4D	2	00 00 - 00 7F	FDSP PAN	
	00	4E	2		reserve	
	00	4F	2	00 00 - 00 7F	Insertion-L Type	
	00	50	2	00 00 - 01 7F	Insertion-L Parameter1H	
	00	51	2	00 00 - 01 7F	Insertion-L Parameter1L	
	00	52	2	00 00 - 01 7F	Insertion-L Parameter2H	
	00	53	2	00 00 - 01 7F	Insertion-L Parameter2L	
	00	54	2	00 00 - 01 7F	Insertion-L Parameter3H	
	00	55	2	00 00 - 01 7F	Insertion-L Parameter3L	
	00	56	2	00 00 - 01 7F	Insertion-L Parameter4H	
	00	57	2	00 00 - 01 7F	Insertion-L Parameter4L	
	00	58	2	00 00 - 01 7F	Insertion-L Parameter5H	
	00	59	2	00 00 - 01 7F	Insertion-L Parameter5L	
	00	5A	2	00 00 - 01 7F	Insertion-L Parameter6H	
	00	5B	2	00 00 - 01 7F	Insertion-L Parameter6L	
	00	5C	2	00 00 - 01 7F	Insertion-L Parameter7H	
	00	5D	2	00 00 - 01 7F	Insertion-L Parameter7L	
	00	5E	2	00 00 - 01 7F	Insertion-L Parameter8H	
	00	5F	2	00 00 - 01 7F	Insertion-L Parameter8L	
	00	60	2	00 00 - 01 7F	Insertion-L Parameter9H	
	00	61	2	00 00 - 01 7F	Insertion-L Parameter9L	
	00	62	2	00 00 - 01 7F	Insertion-L Parameter10H	
	00	63	2	00 00 - 01 7F	Insertion-L Parameter10L	
	00	64	2	00 00 - 01 7F	Insertion-L Parameter11H	
	00	65	2	00 00 - 01 7F	Insertion-L Parameter11L	
	00	66	2	00 00 - 01 7F	Insertion-L Parameter12H	
	00	67	2	00 00 - 01 7F	Insertion-L Parameter12L	
	00	68	2	00 00 - 01 7F	Insertion-L Parameter13H	
	00	69	2	00 00 - 01 7F	Insertion-L Parameter13L	
	00	6A	2	00 00 - 01 7F	Insertion-L Parameter14H	
	00	6B	2	00 00 - 01 7F	Insertion-L Parameter14L	
	00	6C	2	00 00 - 01 7F	Insertion-L Parameter15H	
	00	6D	2	00 00 - 01 7F	Insertion-L Parameter15L	
	00	6E	2	00 00 - 01 7F	Insertion-L Parameter16H	
	00	6F	2	00 00 - 01 7F	Insertion-L Parameter16L	
	00	70	2	00 00 - 00 06	Arpeggiater Tempo Control	
	00	71	2		reserve	
	00	72	2		reserve	
	00	73	2	00 00 - 00 7F	Insertion To Reverb Send Level	
	00	74	2	00 00 - 00 7F	Insertion To Chorus Send Level	
	00	75	2	00 00 - 01 7F	Insertion Large/Insertion Small/FDSP Type	
	00	76	2	00 00 - 00 7F	FDSP Parameter1	
	00	77	2	00 00 - 00 7F	FDSP Parameter2	
	00	78	2	00 00 - 00 7F	FDSP Parameter3	
	00	79	2	00 00 - 00 7F	FDSP Parameter4	
	00	7A	2	00 00 - 00 7F	FDSP Parameter5	
	00	7B	2	00 00 - 00 7F	FDSP Parameter6	
	00	7C	2	00 00 - 00 7F	FDSP Parameter7	
	00	7D	2	00 00 - 00 7F	FDSP Parameter8	
	00	7E	2	00 00 - 00 7F	FDSP Parameter9	
	00	7F	2	00 00 - 00 7F	FDSP Parameter10	
	01	00	2	00 00 - 00 7F	FDSP Parameter11	
	01	01	2	00 00 - 00 7F	FDSP Parameter12	
	01	02	2	00 00 - 00 7F	FDSP Parameter13	
	01	03	2	00 00 - 00 7F	FDSP Parameter14	
	01	04	2	00 00 - 00 7F	FDSP Parameter15	
	01	05	2	00 00 - 00 7F	FDSP Parameter16	
	01	06	2	00 00 - 00 7F	FDSP Parameter17	
	01	07	2	00 00 - 00 7F	FDSP Parameter18	
	01	08	2	00 00 - 00 7F	FDSP Parameter19	
	01	09	2	00 00 - 00 7F	FDSP Parameter20	
	01	0A	2	00 00 - 00 01	Assign Mode	Single,Multi
	01	0B	2	00 00 - 00 02	AN/VL Assign Mode	Last,Top,Bottom
	01	0C	2	00 00 - 00 01	AWM Mono/Poly	Mono,Poly
	01	0D	2	00 00 - 00 01	AN/VL Mono/Poly	Mono,Poly
	01	0E	2		reserve	
	01	0F	2	00 00 - 00 01	Portament Mode	Fingered,Fulltime
	01	10	2	00 00 - 00 01	Portament Sw	OFF/ON
	01	11	2	00 00 - 00 7F	Portament Time	

< Table 4>

Current Voice / Common Control Parameter

Address (H)			Size (H)	Data (H)	Parameter	Description
50	00	00	2	00 00 - 01 7F	Bend Wheel Assign Switch H	
		01	2	00 00 - 01 7F	Bend Wheel Assign Switch L	
		02	2	00 00 - 01 7F	Modulation Wheel Assign Switch H	
		03	2	00 00 - 01 7F	Modulation Wheel Assign Switch L	
		04	2	00 00 - 01 7F	CH After Assign Switch H	
		05	2	00 00 - 01 7F	CH After Assign Switch L	
		06	2	00 00 - 01 7F	Modulation Wheel 2 Assign Switch H	
		07	2	00 00 - 01 7F	Modulation Wheel 2 Assign Switch L	

08	2	00 00 - 01 7F	Foot Controller Assign Switch H	
09	2	00 00 - 01 7F	Foot Controller Assign Switch L	
0A	2	00 00 - 01 7F	Breath Controller Assign Switch H	
0B	2	00 00 - 01 7F	Breath Controller Assign Switch L	
0C	2	00 00 - 01 7F	Ribbon Controller Assign Switch H	
0D	2	00 00 - 01 7F	Ribbon Controller Assign Switch L	
0E	2	00 00 - 01 7F	Knob1 Assign Switch H	
0F	2	00 00 - 01 7F	Knob1 Assign Switch L	
10	2	00 00 - 01 7F	Knob2 Assign Switch H	
11	2	00 00 - 01 7F	Knob2 Assign Switch L	
12	2	00 00 - 01 7F	Knob3 Assign Switch H	
13	2	00 00 - 01 7F	Knob3 Assign Switch L	
14	2	00 00 - 01 7F	Knob4 Assign Switch H	
15	2	00 00 - 01 7F	Knob4 Assign Switch L	
16	2	00 00 - 01 7F	Knob5 Assign Switch H	
17	2	00 00 - 01 7F	Knob5 Assign Switch L	
18	2	00 00 - 01 7F	Knob6 Assign Switch H	
19	2	00 00 - 01 7F	Knob6 Assign Switch L	
1A	2	00 00 - 00 7F	VC1 Control Depth	
1B	2	00 00 - 00 7F	VC2 Control Depth	
1C	2	00 00 - 00 7F	VC3 Control Depth	
1D	2	00 00 - 00 7F	VC4 Control Depth	
1E	2	00 00 - 00 7F	VC5 Control Depth	
1F	2	00 00 - 00 7F	VC6 Control Depth	
20	2	00 00 - 00 7F	VC7 Control Depth	
21	2	00 00 - 00 7F	VC8 Control Depth	
22	2	00 00 - 00 7F	VC9 Control Depth	
23	2	00 00 - 00 7F	VC10 Control Depth	
24	2	00 00 - 00 7F	VC11 Control Depth	
25	2	00 00 - 00 7F	VC12 Control Depth	
26	2	00 00 - 00 7F	VC13 Control Depth	
27	2	00 00 - 00 7F	VC14 Control Depth	
28	2	00 00 - 00 7F	VC15 Control Depth	
29	2	00 00 - 00 7F	VC16 Control Depth	
2A	2	00 00 - 01 7F	VC1 Destination Assign Number	
2B	2	00 00 - 01 7F	VC2 Destination Assign Number	
2C	2	00 00 - 01 7F	VC3 Destination Assign Number	
2D	2	00 00 - 01 7F	VC4 Destination Assign Number	
2E	2	00 00 - 01 7F	VC5 Destination Assign Number	
2F	2	00 00 - 01 7F	VC6 Destination Assign Number	
30	2	00 00 - 01 7F	VC7 Destination Assign Number	
31	2	00 00 - 01 7F	VC8 Destination Assign Number	
32	2	00 00 - 01 7F	VC9 Destination Assign Number	
33	2	00 00 - 01 7F	VC10 Destination Assign Number	
34	2	00 00 - 01 7F	VC11 Destination Assign Number	
35	2	00 00 - 01 7F	VC12 Destination Assign Number	
36	2	00 00 - 01 7F	VC13 Destination Assign Number	
37	2	00 00 - 01 7F	VC14 Destination Assign Number	
38	2	00 00 - 01 7F	VC15 Destination Assign Number	
39	2	00 00 - 01 7F	VC16 Destination Assign Number	
3A	2	00 00 - 00 0F	VC1 Destination Assign Element SW	
3B	2	00 00 - 00 0F	VC2 Destination Assign Element SW	
3C	2	00 00 - 00 0F	VC3 Destination Assign Element SW	
3D	2	00 00 - 00 0F	VC4 Destination Assign Element SW	
3E	2	00 00 - 00 0F	VC5 Destination Assign Element SW	
3F	2	00 00 - 00 0F	VC6 Destination Assign Element SW	
40	2	00 00 - 00 0F	VC7 Destination Assign Element SW	
41	2	00 00 - 00 0F	VC8 Destination Assign Element SW	
42	2	00 00 - 00 0F	VC9 Destination Assign Element SW	
43	2	00 00 - 00 0F	VC10 Destination Assign Element SW	
44	2	00 00 - 00 0F	VC11 Destination Assign Element SW	
45	2	00 00 - 00 0F	VC12 Destination Assign Element SW	
46	2	00 00 - 00 0F	VC13 Destination Assign Element SW	
47	2	00 00 - 00 0F	VC14 Destination Assign Element SW	
48	2	00 00 - 00 0F	VC15 Destination Assign Element SW	
49	2	00 00 - 00 0F	VC16 Destination Assign Element SW	
4A	2	00 10 - 00 58	Pitch Bend Upper Depth	
4B	2	00 10 - 00 58	Pitch Bend Lower Depth	
4C	2	00 00 - 00 7F	Knob1 Scene1	
4D	2	00 00 - 00 7F	Knob1 Scene2	
4E	2	00 00 - 00 7F	Knob1 Initial	
4F	2	00 00 - 00 7F	Knob2 Scene1	
50	2	00 00 - 00 7F	Knob2 Scene2	
51	2	00 00 - 00 7F	Knob2 Initial	
52	2	00 00 - 00 7F	Knob3 Scene1	
53	2	00 00 - 00 7F	Knob3 Scene2	
54	2	00 00 - 00 7F	Knob3 Initial	
55	2	00 00 - 00 7F	Knob4 Scene1	
56	2	00 00 - 00 7F	Knob4 Scene2	
57	2	00 00 - 00 7F	Knob4 Initial	
58	2	00 00 - 00 7F	Knob5 Scene1	
59	2	00 00 - 00 7F	Knob5 Scene2	
5A	2	00 00 - 00 7F	Knob5 Initial	
5B	2	00 00 - 00 7F	Knob6 Scene1	
5C	2	00 00 - 00 7F	Knob6 Scene2	
5D	2	00 00 - 00 7F	Knob6 Initial	
5E	2	00 00 - 00 01	Arpeggiater On	
5F	2	00 00 - 00 7F	Arpeggiater Type	
60	2	00 00 - 00 7F	Arpeggiater Note Limit Low	
61	2	00 00 - 00 7F	Arpeggiater Note Limit High	
62	2	00 00 - 01 7F	Arpeggiater Tempo	

< Table 5 >

Current Voice / Element Parameter 1

Address (H)	Size (H)	Data (H)	Parameter	Description
60 ee 00	3	00 00 00 - 00 00 03	Wave Ban	
01	3	00 00 00 - 00 00 03	Element Type	AWM,VL,AN,DRUM
02	3	00 00 00 - 00 00 7F	Element Volume	
03	3	00 00 00 - 00 1F 7F	Wave Number	
04	3	00 00 00 - 00 00 01	Random PAN	
05	3	00 00 00 - 00 00 7F	PAN(Random Depth)	
06	3	00 00 00 - 00 00 01	Release Loop	
07	3	00 00 00 - 00 00 01	One Shot Flag	
08	3	00 00 00 - 00 00 01	REVS	
09	3	00 00 00 - 00 00 01	Vce Flag	
0A	3	00 00 00 - 00 00 0F	Scaling PAN Depth	
0B	3	00 00 00 - 00 00 7F	Tune Fine	
0C	3	00 00 00 - 00 00 7F	Tune Coarse	
0D	3	00 00 35 - 00 01 4B	Detune	
0E	3	00 00 00 - 00 00 7F	Note Limit (Low)	
0F	3	00 00 00 - 00 00 7F	Note Limit(High)	
10	3	00 00 00 - 00 00 7F	Note Cross Fade	
11	3	00 00 00 - 00 00 7F	Velocity Limit(Low)	
12	3	00 00 00 - 00 00 7F	Velocity Limit(High)	
13	3	00 00 00 - 00 00 7F	Velocity Cross Fade	
14	3	00 00 00 - 00 00 7F	ExpressionLimit Low	
15	3	00 00 00 - 00 00 7F	Key On Delay	
16	3	00 00 00 - 00 00 03	LFO Wave	
17	3		reserve	
18	3	00 00 00 - 00 00 3F	LFO Freqency	
19	3	00 00 00 - 00 01 7F	PMD	
1A	3	00 00 00 - 00 00 01	PINV	
1B	3	00 00 00 - 00 00 7F	AMD	
1C	3	00 00 00 - 00 00 01	CINV	
1D	3	00 00 00 - 00 00 7F	CMD	
1E	3	00 00 00 - 00 00 01	Sync	
1F	3	00 00 00 - 00 00 7F	Delay Vib. Start Time	
20	3	00 00 00 - 00 01 7F	LFO Fade Time	
21	3	00 00 00 - 00 00 0F	Freq Random Sense	0 - 15
22	3	00 00 00 - 00 00 0E	Freq Vel Sense	-7 - +7
23	3	00 00 00 - 00 00 3F	LFO Freqency	
24	3	00 00 00 - 00 00 03	LFO Wave Phase	
25	3	00 00 00 - 00 00 07	LFO Wave Type	
26	3	00 00 00 - 00 00 7F	LFO Destination No.	
27	3	00 00 00 - 00 00 7F	LFO Depth	
28	3	00 00 00 - 00 00 01	Sync	
29	3	00 00 00 - 00 00 7F	Delay Vib. Start Time	
2A	3	00 00 00 - 00 01 7F	LFO Fade Time	
2B	3	00 00 00 - 00 00 1F	Micro Tuning Table No.	
2C	3	00 00 00 - 00 00 07	Pitch Scaling	
2D	3	00 00 00 - 00 00 7F	Pitch Scaling Center Note	
2E	3	00 00 00 - 00 01 7F	Initial Level(cent)	
2F	3	00 00 00 - 00 01 7F	1st Level(cent)	
30	3	00 00 00 - 00 01 7F	2nd Level(cent)	
31	3	00 00 00 - 00 01 7F	3rd Level(cent)	
32	3	00 00 00 - 00 01 7F	Release1 Level(cent)	
33	3	00 00 00 - 00 01 7F	Release2 Level(cent)	
34	3	00 00 28 - 00 00 58	Pitch EG Depth	
35	3	00 00 00 - 00 00 7F	Hold Time	
36	3	00 00 00 - 00 00 7F	1st Rate	
37	3	00 00 00 - 00 00 7F	2nd Rate	
38	3	00 00 00 - 00 00 7F	3rd Rate	
39	3	00 00 00 - 00 00 7F	Release1 Rate	
3A	3	00 00 00 - 00 00 7F	Release2 Rate	
3B	3	00 00 00 - 00 00 03	Loop Segment	
3C	3	00 00 00 - 00 00 0E	PEG Rate Scaling Sense	-7 - +7
3D	3	00 00 00 - 00 00 0F	Pitch Random Sense	0 - 15
3E	3	00 00 00 - 00 00 0E	I.Touch->IHR Sense	-7 - +7
3F	3	00 00 00 - 00 00 0E	I.Touch->1st Rate Sense	-7 - +7
40	3	00 00 00 - 00 00 0E	I.Touch->Other Rates Sense	-7 - +7
41	3	00 00 00 - 00 00 0E	ITouch->PEG Level Sense	-7 - +7
42	3	00 00 00 - 00 01 7F	Initial Level	
43	3	00 00 00 - 00 00 01	EGmode	
44	3	00 00 00 - 00 00 7F	AR/IHR	
45	3	00 00 00 - 00 00 7F	D1R	
46	3	00 00 00 - 00 01 7F	D1L	
47	3	00 00 00 - 00 00 7F	D2R	
48	3	00 00 00 - 00 01 7F	D2L	
49	3	00 00 00 - 00 00 7F	D3R	
4A	3	00 00 00 - 00 01 7F	D3L	
4B	3	00 00 00 - 00 00 01	RR1mode	
4C	3	00 00 00 - 00 00 7F	Release1 Rate	
4D	3	00 00 00 - 00 01 7F	R1L	
4E	3	00 00 00 - 00 00 7F	Release2 Rate	
4F	3	00 00 00 - 00 00 7F	Level Scaling Break Point 1	
50	3	00 00 00 - 00 00 7F	Level Scaling Break Point 2	
51	3	00 00 00 - 00 00 7F	Level Scaling Break Point 3	
52	3	00 00 00 - 00 00 7F	Level Scaling Break Point 4	
53	3	00 00 00 - 00 01 7F	Level Scaling Offset 1	
54	3	00 00 00 - 00 01 7F	Level Scaling Offset 2	
55	3	00 00 00 - 00 01 7F	Level Scaling Offset 3	
56	3	00 00 00 - 00 01 7F	Level Scaling Offset 4	
57	3	00 00 00 - 00 00 7F	Level Scaling Sense	
58	3	00 00 00 - 00 00 7F	I.Touch Level Sense	
59	3	00 00 00 - 00 00 0E	I.Touch->DL Sense	-7 - +7
5A	3	00 00 00 - 00 00 0E	I.Touch->IHR Sense	-7 - +7
5B	3	00 00 00 - 00 00 0E	Rate Scaling Sense	-7 - +7
5C	3	00 00 00 - 00 00 0E	I.Touch->AR Sense	-7 - +7
5D	3	00 00 00 - 00 00 0E	I.Touch->D1R Sense	-7 - +7
5E	3	00 00 00 - 00 00 0E	I.Touch->Other Rates Sense	-7 - +7

ee = Element No.(00 - 7F: Element1 - Element128)

< Table 6 >

Current Voice / Element Parameter 2

Address (H)	Size (H)	Data (H)	Parameter	Description
70 ee 00	3	00 00 00 - 00 00 01	Cnct	
01	3	00 00 00 - 00 00 1F	Q	
02	3	00 00 00 - 00 01 7F	FEG Level init	
03	3	00 00 00 - 00 01 7F	1st Fc offset	
04	3	00 00 00 - 00 01 7F	2nd Fc offs	
05	3	00 00 00 - 00 01 7F	3rd Fc offs	
06	3	00 00 00 - 00 01 7F	Release1 Fc offs	
07	3	00 00 00 - 00 01 7F	Release2 Fc offs	
08	3	00 00 00 - 00 00 7F	FEG Initail Hold Rate	
09	3	00 00 00 - 00 00 7F	FEG 1st Rate	
0A	3	00 00 00 - 00 00 7F	FEG 2nd Rate	

0B	3	00 00 00 - 00 00 7F	FEG 3rd Rate	
0C	3	00 00 00 - 00 00 7F	FEG Release1 Rate	
0D	3	00 00 00 - 00 00 7F	FEG Release2 Rate	
0E	3	00 00 00 - 00 00 03	Loop Segment	
0F	3	00 00 00 - 00 00 0E	FEG Rate Scaling Sense	-7 - +7
10	3	00 00 00 - 00 00 0E	I.Touch->Q Level Sense	-7 - +7
11	3	00 00 00 - 00 00 0E	I.Touch->IHR Sense	-7 - +7
12	3	00 00 00 - 00 00 0E	I.Touch->1st Rate Sense	-7 - +7
13	3	00 00 00 - 00 00 0E	I.Touch->Other Rates Sense	-7 - +7
14	3	00 00 00 - 00 00 01	Q enable	
15	3	00 00 00 - 00 00 01	LFO enable	
16	3	00 00 00 - 00 00 01	FEG enable	
17	3	00 00 00 - 00 00 0F	Filter Type	
18	3	00 00 00 - 00 01 7F	Fc	
19	3	00 00 00 - 00 01 7F	Gain	
1A	3	00 00 00 - 00 00 7F	Filter Scaling Break Point 1	
1B	3	00 00 00 - 00 00 7F	Filter Scaling Break Point 2	
1C	3	00 00 00 - 00 00 7F	Filter Scaling Break Point 3	
1D	3	00 00 00 - 00 00 7F	Filter Scaling Break Point 4	
1E	3	00 00 00 - 00 01 7F	Filter Scaling Offset 1	
1F	3	00 00 00 - 00 01 7F	Filter Scaling Offset 2	
20	3	00 00 00 - 00 01 7F	Filter Scaling Offset 3	
21	3	00 00 00 - 00 01 7F	Filter Scaling Offset 4	
22	3	00 00 00 - 00 00 7F	Fc scaling Sense	
23	3	00 00 00 - 00 00 0E	I.Touch->Gain Sense	-7 - +7
24	3	00 00 00 - 00 00 0E	I.Touch->Fc Sense	-7 - +7
25	3	00 00 00 - 00 00 0F	Fc Random Sense	0 - 15
26	3	00 00 00 - 00 00 0E	I.Touch->FEG Level Sense	-7 - +7
27	3	00 00 00 - 00 00 7F	FEG Depth	
28	3	00 00 00 - 00 00 01	Q enable	
29	3	00 00 00 - 00 00 01	LFO enable	
2A	3	00 00 00 - 00 00 01	FEG enable	
2B	3	00 00 00 - 00 00 0F	Filter Type	
2C	3	00 00 00 - 00 01 7F	Fc	
2D	3	00 00 00 - 00 01 7F	Gain	
2E	3	00 00 00 - 00 00 7F	Filter Scaling Break Point 1	
2F	3	00 00 00 - 00 00 7F	Filter Scaling Break Point 2	
30	3	00 00 00 - 00 00 7F	Filter Scaling Break Point 3	
31	3	00 00 00 - 00 00 7F	Filter Scaling Break Point 4	
32	3	00 00 00 - 00 01 7F	Filter Scaling Offset 1	
33	3	00 00 00 - 00 01 7F	Filter Scaling Offset 2	
34	3	00 00 00 - 00 01 7F	Filter Scaling Offset 3	
35	3	00 00 00 - 00 01 7F	Filter Scaling Offset 4	
36	3	00 00 00 - 00 00 7F	Fc scaling Sense	
37	3	00 00 00 - 00 00 0E	I.Touch->Gain Sense	-7 - +7
38	3	00 00 00 - 00 00 0E	I.Touch->Fc Sense	-7 - +7
39	3	00 00 00 - 00 00 0F	Fc Random Sense	0 - 15
3A	3	00 00 00 - 00 00 0E	I.Touch->FEG Level Sense	-7 - +7
3B	3	00 00 00 - 00 00 7F	FEG Depth	
3C	3	00 00 00 - 00 00 08	Static Filter Type	
3D	3	00 00 00 - 00 01 7F	Freq1	
3E	3	00 00 00 - 00 00 7F	Boost/Cut1	
3F	3	00 00 00 - 00 00 1F	Q or Bandwidth	
40	3	00 00 00 - 00 00 0E	I.Touch->B/C1 Sens	
41	3	00 00 00 - 00 00 0E	I.Touch->Fr1 Sens.	
42	3	00 00 00 - 00 00 07	B/C Random Sens.	
43	3	00 00 00 - 00 00 07	Fc Random Sens.	
44	3	00 00 00 - 00 01 7F	Freq2	
45	3	00 00 00 - 00 00 7F	Boost/Cut2	
46	3	00 00 00 - 00 01 7F	reserve	
47	3	00 00 00 - 00 00 0E	I.Touch->B/C2 Sens	
48	3	00 00 00 - 00 00 0E	I.Touch->Fr2 Sens.	
49	3	00 00 00 - 00 00 7F	Fc scaling sens.	
4A	3	00 00 00 - 00 00 7F	Gain	
4B	3	00 00 00 - 00 00 01	FDSP SW	
4C	3	00 00 00 - 00 00 02	Insertion Select SW	Bypass,Ins-S On,Ins-L On

ee = Element No.(00 - 7F : Element1 - Element128)

< Table 7 >

Current VL Parameter

Address (H)	Size (H)	Data (H)	Parameter	Description
20 00 00	1	20 - 7F	ELEMENT NAME 1	32-127(ASCII)
00 01	1	20 - 7F	ELEMENT NAME 2	32-127(ASCII)
00 02	1	20 - 7F	ELEMENT NAME 3	32-127(ASCII)
00 03	1	20 - 7F	ELEMENT NAME 4	32-127(ASCII)
00 04	1	20 - 7F	ELEMENT NAME 5	32-127(ASCII)
00 05	1	20 - 7F	ELEMENT NAME 6	32-127(ASCII)
00 06	1	20 - 7F	ELEMENT NAME 7	32-127(ASCII)
00 07	1	20 - 7F	ELEMENT NAME 8	32-127(ASCII)
00 08	1	20 - 7F	ELEMENT NAME 9	32-127(ASCII)
00 09	1	20 - 7F	ELEMENT NAME 10	32-127(ASCII)
00 0A	1	00 - 01	EXPRESSION MODE	BC,VOLUME
00 0B	1	00 - 62	PRESSURE CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 0C	2	01 01 - 00 7F	DEPTH	-127 - +127
00 0E	1	70 - 10	CURVE	-16 - +16
00 0F	1	00 - 62	FILTER CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 10	2	01 01 - 00 7F	DEPTH	-127 - +127
00 12	1	70 - 10	CURVE	-16 - +16
00 13	1	00 - 62	AMPLITUDE CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 14	2	01 01 - 00 7F	DEPTH	-127 - +127
00 16	1	70 - 10	CURVE	-16 - +1
00 17	1	00 - 62	EMBOUCHURE CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 18	2	01 01 - 00 7F	UPPER DEPTH	-127 - +127
00 1A	2	01 01 - 00 7F	LOWER DEPTH	-127 - +127
00 1C	1	00 - 01	MODE	CENTER BASE,
				MINIMUM BASE
00 1D	1	00 - 62	TONGUING CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 1E	2	01 01 - 00 7F	DEPTH	-127 - +127
00 20	1	70 - 10	CURVE	-16 - +16
00 21	1	00 - 62	SCREAM CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 22	2	01 01 - 00 7F	DEPTH	-127 - +127
00 24	1	70 - 10	CURVE	-16 - +16
00 25	1	00 - 62	BREATH NOISE CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 26	2	01 01 - 00 7F	DEPTH	-127 - +127
00 28	1	70 - 10	CURVE	-16 - +16
00 29	1	00 - 62	GROWL CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 2A	2	01 01 - 00 7F	DEPTH	-127 - +127
00 2C	1	70 - 10	CURVE	-16 - +16
00 2D	1	00 - 62	THROAT FORMANT CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 2E	2	01 01 - 00 7F	DEPTH	-127 - +127
00 30	1	70 - 10	CURVE	-16 - +16
00 31	1	00 - 62	HARMONIC ENHANCER CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 32	2	01 01 - 00 7F	DEPTH	-127 - +127
00 34	1	70 - 10	CURVE	-16 - +16
00 35	1	00 - 62	DAMPING CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 36	2	01 01 - 00 7F	DEPTH	-127 - +127
00 38	1	70 - 10	CURVE	-16 - +16
00 39	1	00 - 62	ABSORPTION CONTROL NO.	off - 95,AT,
				VELOCITY,PB
00 3A	2	01 01 - 00 7F	DEPTH	-127 - +127
00 3C	1	70 - 10	CURVE	-16 - +16
00 3D	1		reserve	
00 3E	1		reserve	
00 3F	1	40 - 3F	NOTE SHIFT	-64 - +63
00 40	1		reserve	
00 41	1	00 - 07	RANDOM PITCH	0 - 7
00 42	1	00 - 7F	NOTE RANGE LOW	C-2 - G8
00 43	1	00 - 7F	NOTE RANGE HIGH	C-2 - G8
00 44	1		reserve	
00 45	1		reserve	
00 46	1	00 - 60	CROSSFADE SPEED	0 - 96
00 47	1	00 - 32	INTERPOLATE SPEED	0 - 52
00 48	1	00 - 7F	BREATH NOISE LEVEL	0 - 127
00 49	1	00 - 7F	BREAKPOINT 1	C-2 - G8
00 4A	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2-6	
00 55	1	00 - 7D	BREATH NOISE HPF CUTOFF FREQ	0 - 125
00 56	1	00 - 7F	BREAKPOINT 1	C-2 - G8
00 57	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2	
00 5A	1	00 - 7F	BREATH NOISE LPF CUTOFF FREQ	0 - 127
00 5B	1	00 - 7F	BREAKPOINT 1	C-2 - G8
00 5C	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2	
00 5F	1	00 - 16	BREATH NOISE KIND	0 - 22
00 60	1	00 - 01	BREATH NOISE KEY ON RESET	OFF/ON
00 61	1	00 - 20	BREATH NOISE SLIT DRIVE	0 - 32
00 62	1	40 - 3F	BREATH NOISE LEVEL CONTROL BALANCE	-64 - +63
00 63	1	00 - 01	THROAT FORMANT PITCH TRACKING	FIXED/KEY TRACK
00 64	2	00 00 - 01 30	THROAT FORMANT PITCH	0 - 176
00 66	1	00 - 7F	BREAKPOINT 1	C-2 - G8
00 67	2	01 01 - 00 7F	OFFSET 1	-127 - +127
| |			BREAKPOINT/OFFSET 2-8	
00 7E	2	01 01 - 00 7F	THROAT FORMANT INTENSITY	-127 - +127
01 00	1	00 - 7F	BREAKPOINT 1	C-2 - G8
01 01	2	01 01 - 00 7F	OFFSET 1	-127 - +127
| |			BREAKPOINT/OFFSET 2-4	
01 0C	1	40 - 3F	THROAT FORMANT AMOUNT	-64 - +63
01 0D	1	00 - 7F	BREAKPOINT 1	C-2 - G8
01 0E	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2-4	
01 15	1	00 - 7D	THROAT FORMANT HPF CUTOFF FREQ	0 - 125
01 16	1	00 - 7F	BREAKPOINT 1	C-2 - G8
01 17	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2-3	
01 1C	1	00 - 7F	THROAT FORMANT LPF CUTOFF FREQ	0 - 127
01 1D	1	00 - 7F	BREAKPOINT 1	C-2 - G8
01 1E	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2-3	
01 23	1	00 - 7F	DRIVER OUTPUT	0 - 127
01 24	1	00 - 7F	BREAKPOINT 1	C-2 - G8
01 25	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2-6	
01 30	1	00 - 7F	PIPE/STRING OUTPUT	0 - 127
01 31	1	00 - 7F	BREAKPOINT 1	C-2 - G8
01 32	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2-6	
01 3D	1	00 - 7F	TAP OUTPUT	0 - 127
01 3E	1	00 - 7F	BREAKPOINT 1	C-2 - G8
01 3F	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2-6	
01 4A	1	00 - 01	TAP OUTPUT SIGN	-/+
01 4B	1	00 - 02	TAP SETTING	DRIVING POINT,
				FIXED,KEY TRACK
01 4C	1	00 - 7F	TAP LOCATION	0 - 127
01 4D	1	00 - 7F	BREAKPOINT 1	C-2 - G8
01 4E	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2-8	
01 5D	1	00 - 7F	TOTAL AMPLITUDE LEVEL	0 - 127
01 5E	1	00 - 7F	BREAKPOINT 1	C-2 - G8
01 5F	1	40 - 3F	OFFSET 1	-64 - +63
| |			BREAKPOINT/OFFSET 2-8	
01 6E	1	00 - 01	PIPE/STRING SHORT LENGTH PITCH TRACKING	FIXED/KEY TRACK
01 6F	2	00 00 - 01 7F	PIPE/STRING SHORT LENGTH	0 - 255
01 71	1	00 - 7F	BREAKPOINT 1	C-2 - G8

01	72	2	01 01 - 00 7F	OFFSET 1	
|	|			BREAKPOINT/OFFSET 2-16	
02	21	1	00 - 01	PIPE/STRING ABSORPTION MODE	-12dB/-6dB
02	22	1	00 - 7F	PIPE/STRING ABSORPTION	0 - 127
02	23	1	00 - 7F	BREAKPOINT 1	C-2 - G8
02	24	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-8	
02	33	1	00 - 7F	PIPE/STRING DECAY	0 - 127
02	34	1	00 - 7F	PIPE/STRING DAMPING	0 - 127
02	35	1	00 - 7F	BREAKPOINT 1	C-2 - G8
02	36	1	40 - 3F	OFFSET(DECAY) 1	-64 - +63
02	37	1	40 - 3F	OFFSET(DAMPING) 1	-64 - +63
|	|			BREAKPOINT/OFFSET(DECAY)/OFFSET(DAMPING) 2-6	
02	47	1	00 - 7F	PIPE/STRING REGISTER KEY OPEN	0 - 127
02	48	1	00 - 7F	PIPE/STRING REGISTER KEY OPEN LOSS	0 - 127
02	49	1	00 - 7F	BREAKPOINT 1	C-2 - G8
02	4A	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
02	51	1	40 - 3F	DRIVER PRESSURE INPUT GAIN	-64 - +63
02	52	1	00 - 7F	BREAKPOINT 1	C-2 - G8
02	53	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-8	
02	62	1	00 - 7F	DRIVER PRESSURE LEVEL TO REED	0 - 127
02	63	1	00 - 7F	BREAKPOINT 1	C-2 - G8
02	64	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-5	
02	6D	1	00 - 01	DRIVER SLIT SIGN	-/+
02	6E	1	40 - 3F	DRIVER ADDITIONAL REED APERTURE	-64 - +63
02	6F	1	40 - 3F	DRIVER SLIT SATURATION FEEDBACK BALANCE	-64 - +63
02	70	1	40 - 3F	DRIVER GRAHAM FUNCTION COEFFICIENT	-64 - +63
02	71	1	00 - 7F	BREAKPOINT 1	C-2 - G8
02	72	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-5	
02	7B	1	00 - 01	DRIVER OUTPUT SHUT OFF	SHUT OFF/THRU
02	7C	1	40 - 3F	DRIVER OUTPUT LEVEL	-64 - +63
02	7D	1	00 - 7F	BREAKPOINT 1	C-2 - G8
02	7E	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-5	
03	07	1	00 - 7F	CHILD REED FLEXIBILITY	0 - 127
03	08	1	00 - 7F	CHILD REED DISPLACEMENT	0 - 127
03	09	1	00 - 7F	CHILD REED DISPLACEMENT DIFFERENCE	0 - 127
03	0A	1	00 - 01	CHILD REED RESONANCE PITCH TRACKING	FIXED/KEY TRACK
03	0B	1	00 - 7F	CHILD REED RESONANCE INTERPOLATE SPEED	0 - 127
03	0C	1	00 - 7F	PARENT REED FLEXIBILITY	0 - 127
03	0D	1	00 - 7F	PARENT REED OUTPUT LEVEL	0 - 127
03	0E	1	00 - 7F	PARENT REED FILTER CUTOFF FREQ	0 - 127
03	0F	1	00 - 7F	BREAKPOINT 1	C-2 - G8
03	10	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-5	
03	19	1	40 - 3F	PARENT REED LIP COLLISION	-64 - +63
03	1A	1	00 - 7F	BREAKPOINT 1	C-2 - G8
03	1B	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-5	
03	24	1	00 - 10	PRESSURE SENS TO REED FLEXIBILITY	0 - 16
03	25	1	00 - 10	PRESSURE SENS TO REED RESONANCE	0 - 16
03	26	1	00 - 7F	EMBOUCHURE SLIT INITIAL APERTURE CONTROL(MIN)	0 - 127
03	27	1	00 - 7F	EMBOUCHURE SLIT INITIAL APERTURE CONTROL(MAX)	0 - 127
03	28	1	00 - 7F	BREAKPOINT 1	C-2 - G8
03	29	1	40 - 3F	OFFSET(MIN) 1	-64 - +63
03	2A	1	40 - 3F	OFFSET(MAX) 1	-64 - +63
|	|			BREAKPOINT/OFFSET(MIN)/OFFSET(MAX) 2-8	
03	40	1	00 - 7F	EMBOUCHURE MOUTHPIECE NARROWNESS CONTROL(MIN)	0 - 127
03	41	1	00 - 7F	EMBOUCHURE MOUTHPIECE NARROWNESS CONTROL(MAX)	0 - 127
03	42	1	00 - 7F	BREAKPOINT 1	C-2 - G8
03	43	1	40 - 3F	OFFSET(MIN) 1	-64 - +63
03	44	1	40 - 3F	OFFSET(MAX) 1	-64 - +63
|	|			BREAKPOINT/OFFSET(MIN)/OFFSET(MAX) 2-8	
03	5A	1	00 - 7F	EMBOUCHURE REED FLEXIBILITY CONTROL(MIN)	0 - 127
03	5B	1	00 - 7F	EMBOUCHURE REED FLEXIBILITY CONTROL(MAX)	0 - 127
03	5C	1	00 - 7F	BREAKPOINT 1	C-2 - G8
03	5D	1	40 - 3F	OFFSET(MIN) 1	-64 - +63
03	5E	1	40 - 3F	OFFSET(MAX) 1	-64 - +63
|	|			BREAKPOINT/OFFSET(MIN)/OFFSET(MAX) 2-8	
03	74	1	00 - 01	EMBOUCHURE CHILD REED RESONANCE FREQ EXTEND CONTROL	
03	75	2	00 00 - 07 7C	EMBOUCHURE CHILD REED RESONANCE FREQ CONTROL(MIN)	0 - 1020
03	77	2	00 00 - 07 7C	EMBOUCHURE CHILD REED RESONANCE FREQ CONTROL(MAX)	0 - 1020
03	79	1	00 - 7F	BREAKPOINT 1	C-2 - G8
03	7A	2	04 00 - 03 7F	OFFSET(MIN) 1	-512 - +511
03	7C	2	04 00 - 03 7F	OFFSET(MAX) 1	-512 - +511
|	|			BREAKPOINT/OFFSET(MIN)/OFFSET(MAX) 2-12	
04	35	1	00 - 7F	EMBOUCHURE CHILD REED RESONANCE AMOUNT CONTROL(MIN)	0 - 127
04	36	1	00 - 7F	EMBOUCHURE CHILD REED RESONANCE AMOUNT CONTROL(MAX)	0 - 127
04	37	1	00 - 7F	BREAKPOINT 1	C-2 - G8
04	38	1	40 - 3F	OFFSET(MIN) 1	-64 - +63
04	39	1	40 - 3F	OFFSET(MAX) 1	-64 - +63
|	|			BREAKPOINT/OFFSET(MIN)/OFFSET(MAX) 2-12	
04	5B	1	40 - 3F	BEAT AMOUNT	-64 - +63
04	5C	1	00 - 7F	BREAKPOINT 1	C-2 - G8
04	5D	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-8	
04	6C	1	00 - 7D	BEAT HIGH FREQUENCY EMPHASIS	0 - 125
04	6D	1	00 - 7F	BREAKPOINT 1	C-2 - G8
04	6E	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-6	
04	79	2	01 01 - 00 7F	EXCITATION LEVEL TO PIPE/STRING	-127 - +127
04	7B	1	00 - 7F	BREAKPOINT 1	C-2 - G8
04	7C	2	01 01 - 00 7F	OFFSET 1	-127 - +127
|	|			BREAKPOINT/OFFSET 2-3	
05	04	2	01 01 - 00 7F	EXCITATION LEVEL TO DRIVER	-127 - +127
05	06	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	07	2	01 01 - 00 7F	OFFSET 1	-127 - +127
|	|			BREAKPOINT/OFFSET 2-3	
05	0F	1	00 - 7F	EXCITATION LPF CUTOFF FREQ	0 - 127
05	10	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	11	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-3	
05	16	1	00 - 10	EXCITATION VELOCITY SENS TO LEVEL	0 - 16
05	17	1	00 - 10	EXCITATION VELOCITY SENS TO LPF CUTOFF FREQ	0 - 16
05	18	1	70 - 10	EXCITATION VELOCITY SENS TO PULSE WIDTH	-16 - +16
05	19	1	00 - 7F	EXCITATION PULSE WIDTH	0 - 127
05	1A	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	1B	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-3	
05	20	1	00 - 03	MODIFIER MODE	0 - 3
05	21	1	00 - 05	HARMONIC ENHANCER CARRIER SIGNAL SELECT	NORMAL,BREATH, FLOW,BEAT,SLIT,REED
05	22	1	00 - 7F	HARMONIC ENHANCER CARRIER HPF CUTOFF FREQ	0 - 127
05	23	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	24	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
05	2B	1	40 - 3F	HARMONIC ENHANCER CARRIER OVERDRIVE	-64 - +63
05	2C	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	2D	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
05	34	1	00 - 7F	HARMONIC ENHANCER CARRIER LEVEL	0 - 127
05	35	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	36	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-6	
05	41	1	00 - 05	HARMONIC ENHANCER MODULATOR SIGNAL SELECT	NORMAL,BREATH, FLOW,BEAT,SLIT,REED
05	42	1	00 - 7F	HARMONIC ENHANCER MODULATOR HPF CUTOFF FREQ	0 - 127
05	43	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	44	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
05	47	1	40 - 3F	HARMONIC ENHANCER MODULATOR OVERDRIVE	-64 - +63
05	48	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	49	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
05	4C	1	00 - 7F	HARMONIC ENHANCER MODULATOR PHASE	0 - 127
05	4D	1	00 - 7F	HARMONIC ENHANCER MODULATOR INDEX	0 - 127
05	4E	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	4F	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
05	56	1	40 - 3F	HARMONIC ENHANCER WET/DRY BALANCE	-64 - +63
05	57	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	58	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
05	5F	1	00 - 03	DYNAMIC FILTER MODE	LPF,BPF,HPF,BEF
05	60	1	00 - 7F	DYNAMIC FILTER INPUT GAIN	0 - 127
05	61	1	00 - 01	DYNAMIC FILTER CUTOFF FREQ PITCH TRACKING	FIXED/KEY TRACK
05	62	1	40 - 3F	DYNAMIC FILTER CUTOFF FREQ	-64 - +63
05	63	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	64	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-3	
05	69	1	00 - 7F	DYNAMIC FILTER RESONANCE	0 - 127
05	6A	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	6B	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-3	
05	70	1	40 - 3F	DYNAMIC FILTER WET/DRY BALANCE	-64 - +63
05	71	1	00 - 7F	EQ INPUT GAIN	0 - 127
05	72	1	00 - 7F	EQ HPF CUTOFF FREQ	0 - 127
05	73	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	74	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
05	7B	1	00 - 7F	EQ LPF CUTOFF FREQ	0 - 127
05	7C	1	00 - 7F	BREAKPOINT 1	C-2 - G8
05	7D	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
06	04	1	78 - 08	POST EQ BOOST	-8 - +8
06	05	1	00 - 30	EQ BAND 1 FREQ	0 - 48
06	06	1	00 - 7F	Q	0 - 127
06	07	1	40 - 3F	LEVEL	-64 - +63
06	08	1	16 - 46	EQ BAND 2 FREQ	22 - 70
06	09	1	00 - 7F	Q	0 - 127
06	0A	1	40 - 3F	LEVEL	-64 - +63
06	0B	1	2A - 5A	EQ BAND 3 FREQ	42 - 90
06	0C	1	00 - 7F	Q	0 - 127
06	0D	1	40 - 3F	LEVEL	-64 - +63
06	0E	1	40 - 70	EQ BAND 4 FREQ	64 - 112
06	0F	1	00 - 7F	Q	0 - 127
06	10	1	40 - 3F	LEVEL	-64 - +63
06	11	1	54 - 7F	EQ BAND 5 FREQ	84 - 127
06	12	1	00 - 7F	Q	0 - 127
06	13	1	40 - 3F	LEVEL	-64 - +63
06	14	1		reserve	
06	15	1	00 - 7F	RESONATOR INPUT GAIN	0 - 127
06	16	2	00 00 - 07 7F	RESONATOR DELAY TIME 1	0 - 1023
06	18	2	00 00 - 07 7F	RESONATOR DELAY TIME 2	0 - 1023
06	1A	2	00 00 - 07 7F	RESONATOR DELAY TIME 3	0 - 1023
06	1C	2	00 00 - 07 7F	RESONATOR DELAY TIME 4	0 - 1023
06	1E	1	00 - 7F	RESONATOR DECAY TIME	0 - 127
06	1F	1	00 - 7F	RESONATOR LPF CUTOFF FREQ	0 - 127
06	20	1	40 - 3F	RESONATOR CONJUNCTION	-64 - +63
06	21	1	70 - 10	RESONATOR PHASE	-16 - +16
06	22	1	00 - 7F	RESONATOR WET LEVEL	0 - 127
06	23	1	00 - 7F	RESONATOR DRY LEVEL	0 - 127
06	24	1	00 - 10	PRESSURE EG VELOCITY SENS TO LEVEL	0 - 16
06	25	1	00 - 10	PRESSURE EG VELOCITY SENS TO RATE	0 - 16
06	26	1	00 - 7F	PRESSURE EG ATTACK RATE 1	0 - 127
06	27	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	28	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
06	2F	1	00 - 7F	PRESSURE EG ATTACK LEVEL 1	0 - 127
06	30	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	31	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
06	38	1	00 - 7F	PRESSURE EG ATTACK RATE 2	0 - 127
06	39	1	00 - 7F	BREAKPOINT 1	C-2 - G8

06	3A	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
06	41	1	00 - 7F	PRESSURE EG DECAY RATE	0 - 127
06	42	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	43	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
06	4A	1	00 - 7F	PRESSURE EG SUSTAIN LEVEL	0 - 127
06	4B	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	4C	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
06	53	1	00 - 7F	PRESSURE EG RELEASE RATE	0 - 127
06	54	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	55	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2-4	
06	5C	1	00 - 02	PRESSURE EG MODE	DISABLE,ADSR,AR
06	5D	1	00 - 10	PITCH & EMBOUCHURE EG VELOCITY SENS TO LEVEL	0 - 16
06	5E	1	70 - 10	PITCH & EMBOUCHURE EG VELOCITY SENS TO RATE	-16 - +16
06	5F	1	00 - 7F	PITCH & EMBOUCHURE EG HOLD TIME	0 - 127
06	60	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	61	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
06	64	1	40 - 3F	PITCH & EMBOUCHURE EG INITIAL LEVEL	-64 - +63
06	65	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	66	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
06	69	1	00 - 7F	PITCH & EMBOUCHURE EG ATTACK RATE	0 - 127
06	6A	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	6B	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
06	6E	1	40 - 3F	PITCH & EMBOUCHURE EG ATTACK LEVEL	-64 - +63
06	6F	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	70	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
06	73	1	00 - 7F	PITCH & EMBOUCHURE EG DECAY RATE	0 - 127
06	74	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	75	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
06	78	1	00 - 7F	PITCH & EMBOUCHURE EG RELEASE RATE	0 - 127
06	79	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	7A	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
06	7D	1	00 - 7F	PITCH & EMBOUCHURE EG RELEASE LEVEL	0 - 127
06	7E	1	00 - 7F	BREAKPOINT 1	C-2 - G8
06	7F	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	02	1	00 - 40	PITCH & EMBOUCHURE EG DEPTH TO EMBOUCHURE	0 - 64
07	03	1	00 - 40	PITCH & EMBOUCHURE EG DEPTH TO PITCH	0 - 64
07	04	1	00 - 7F	VIBRATO DELAY TIME	0 - 127
07	05	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	06	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	09	1	00 - 7F	VIBRATO SUSTAIN LEVEL	0 - 127
07	0A	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	0B	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	0E	1	00 - 7F	VIBRATO DEPTH	0 - 127
07	0F	1	00 - 7F	VIBRATO DEPTH TO EMBOUCHURE	0 - 127
07	10	1	00 - 7F	VIBRATO DEPTH TO PITCH	0 - 127
07	11	1	00 - 7F	VIBRATO DEPTH TO PRESSURE	0 - 127
07	12	2	01 01 - 00 7F	VIBRATO OFFSET	-127 - +127
07	14	1	00 - 7F	VIBRATO SPEED	0 - 127
07	15	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	16	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	19	1	00 - 10	VIBRATO SPEED SHIFT	0 - 16
07	1A	1	00 - 7F	GROWL DEPTH TO PRESSURE	0 - 127
07	1B	2	01 01 - 00 7F	GROWL OFFSET	-127 - +127
07	1D	1	00 - 7F	GROWL SPEED	0 - 127
07	1E	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	1F	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	22	1	00 - 10	AMPLITUDE & FILTER EG VELOCITY SENS TO LEVEL	0 - 16
07	23	1	00 - 10	AMPLITUDE & FILTER EG VELOCITY SENS TO RATE	0 - 16
07	24	1	00 - 7F	AMPLITUDE & FILTER EG ATTACK RATE 1	0 - 127
07	25	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	26	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	29	1	00 - 7F	AMPLITUDE & FILTER EG ATTACK LEVEL 1	0 - 127
07	2A	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	2B	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	2E	1	00 - 7F	AMPLITUDE & FILTER EG ATTACK RATE 2	0 - 127
07	2F	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	30	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	33	1	00 - 7F	AMPLITUDE & FILTER EG DECAY RATE	0 - 127
07	34	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	35	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	38	1	00 - 7F	AMPLITUDE & FILTER EG SUSTAIN LEVEL	0 - 127
07	39	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	3A	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	3D	1	00 - 7F	AMPLITUDE & FILTER EG RELEASE RATE	0 - 127
07	3E	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	3F	1	40 - 3F	OFFSET 1	-64 - +63
|	|			BREAKPOINT/OFFSET 2	
07	42	1	00 - 7F	AMPLITUDE & FILTER EG DEPTH TO AMPLITUDE	0 - 127
07	43	2	01 01 - 00 7F	AMPLITUDE & FILTER EG DEPTH TO FILTER	-127 - +127
07	45	2	02 00 - 01 7F	PITCH COMPENSATION	-256 - +255
07	47	1	00 - 7F	BREAKPOINT 1	C-2 - G8
07	48	2	02 00 - 01 7F	OFFSET 1	-256 - +255
|	|			BREAKPOINT/OFFSET 2-12	
07	6B	2	00 00 - 7F 7F	PIPE/STRING LENGTH C-2	0 - 16383
|	|			PIPE/STRING LENGTH C#-2 - F#8	
09	69	2	00 00 - 7F 7F	PIPE/STRING LENGTH G8	0 - 16383
09	6B	1	00 - 7F	PIPE/STRING LENGTH DERIVATIVE C-2	0 - 127
|	|			PIPE/STRING LENGTH DERIVATIVE C#-2 - F#8	
0A	6A	1	00 - 7F	PIPE/STRING LENGTH DERIVATIVE G8	0 - 127

< Table 8 >

Current Performance / Common Bulk

Address (H)	Size (H)	Data (H)	Parameter	Description
10 00 00	12		Performance Name	ASCII
	1	00 - 7F	Category	
	1	00 - 7F	Total Volume	
	1	00 - 01	TG/Master KBD	
	1	00 - 7F	Reverb Type	
	1	00 - 7F	Reverb Parameter1	
	1	00 - 7F	Reverb Parameter2	
	1	00 - 7F	Reverb Parameter3	
	1	00 - 7F	Reverb Parameter4	
	1	00 - 7F	Reverb Parameter5	
	1	00 - 7F	Reverb Parameter6	
	1	00 - 7F	Reverb Parameter7	
	1	00 - 7F	Reverb Parameter8	
	1	00 - 7F	Reverb Parameter9	
	1	00 - 7F	Reverb Parameter10	
	1	00 - 7F	Reverb Parameter11	
	1	00 - 7F	Reverb Parameter12	
	2	00 00 - FF FF	Reverb Parameter13	
	2	00 00 - FF FF	Reverb Parameter14	
	1	00 - 7F	Reverb Return	
	1	00 - 7F	Reverb PAN	
	1		reserve	
	1	00 - 7F	Chorus Type	
	2	00 00 - FF FF	Chorus Parameter1	
	2	00 00 - FF FF	Chorus Parameter2	
	2	00 00 - FF FF	Chorus Parameter3	
	2	00 00 - FF FF	Chorus Parameter4	
	1	00 - 7F	Chorus Parameter5	
	1	00 - 7F	Chorus Parameter6	
	1	00 - 7F	Chorus Parameter7	
	1	00 - 7F	Chorus Parameter8	
	1	00 - 7F	Chorus Parameter9	
	1	00 - 7F	Chorus Parameter10	
	1	00 - 7F	Chorus Parameter11	
	1	00 - 7F	Chorus Parameter12	
	1	00 - 7F	Chorus Return	
	1	00 - 7F	Chorus PAN	
	1	00 - 7F	Send Chorus to Reverb	
	1	00 - 06	Arpeggiater Tempo Control	
	3		reserve	
	1	00 - FF	Bend Wheel Depth/Curve	
	1	00 - 7F	Bend Wheel Offset	
	1	00 - FF	Modulation Wheel1 Depth/Curve	
	1	00 - 7F	Modulation Wheel1 Offset	
	1	00 - FF	CH After Depth/Curve	
	1	00 - 7F	CH After Offset	
	1	00 - 7F	Modulation Wheel2 CC Number	
	1	00 - FF	Modulation Wheel2 Depth/Curve	
	1	00 - 7F	Modulation Wheel2 Offset	
	1	00 - 7F	Foot Controller CC Number	
	1	00 - FF	Foot Controller Depth/Curve	
	1	00 - 7F	Foot Controller Offset	
	1	00 - 7F	Breath Controller CC Number	
	1	00 - FF	Breath Controller Depth/Curve	
	1	00 - 7F	Breath Controller Offset	
	1	00 - 7F	Ribbon Controller CC Number	
	1	00 - FF	Ribbon Controller Depth/Curve	
	1	00 - FF	Ribbon Hold/Ribbon Controller Offset	
	1	00 - 7F	Knob1 CC Number	
	1	00 - FF	Knob1 Depth/Curve	
	1	00 - 7F	Knob1 Offset	
	1	00 - 7F	Knob2 CC Number	
	1	00 - FF	Knob2 Depth/Curve	
	1	00 - 7F	Knob2 Offset	
	1	00 - 7F	Knob3 CC Number	
	1	00 - FF	Knob3 Depth/Curve	
	1	00 - 7F	Knob3 Offset	
	1	00 - 7F	Knob4 CC Number	
	1	00 - FF	Knob4 Depth/Curve	
	1	00 - 7F	Knob4 Offset	
	1	00 - 7F	Knob5 CC Number	
	1	00 - FF	Knob5 Depth/Curve	
	1	00 - 7F	Knob5 Offset	
	1	00 - 7F	Knob6 CC Number	
	1	00 - FF	Knob6 Depth/Curve	
	1	00 - 7F	Knob6 Offset	
	1	00 - FF	Arpeggiater On/Type	
	1	00 - 7F	Arpeggiater Hold/Tx A On/Tx B On/MIDI Channel	
	1	00 - 7F	Note Limit Low	
	1	00 - 7F	Note Limit High	
	1	00 - FF	Arpeggiater Tempo	
	1	00 - 7F	Knob1Scene1	
	1	00 - 7F	Knob1 Scene2	
	1	00 - 7F	Knob2 Scene1	
	1	00 - 7F	Knob2 Scene2	
	1	00 - 7F	Knob3 Scene1	
	1	00 - 7F	Knob3 Scene2	
	1	00 - 7F	Knob4 Scene1	
	1	00 - 7F	Knob4 Scene2	
	1	00 - 7F	Knob5 Scene1	
	1	00 - 7F	Knob5 Scene2	
	1	00 - 7F	Knob6 Scene1	
	1	00 - 7F	Knob6 Scene2	

1	00 - 01	Mono Mode
1	00 - FF	Detune
1	00 - 7F	Volume
1	00 - 7F	PAN
1	00 - 7F	Chorus Send
1	00 - 7F	Reverb Send
1	00 - 7F	Vibrato Rate
1	00 - 7F	Vibrato Depth
1	00 - 7F	Vibrato Delay
1	00 - 7F	Filter Cut Off Frequency
1	00 - 7F	Filter Resonance
1	00 - 7F	EG Attack Time
1	00 - 7F	EG Decay Time
1	00 - 7F	EG Release Time
1	00 - 01	Portament Switch
1	00 - 7F	Portament Time
1	00 - 7F	Pitch EG Initial Level
1	00 - 7F	Pitch EG Attack Time
1	00 - 7F	Pitch EG Release Level
1	00 - 7F	Pitch EG Release Time

NET SIZE 132
GROSS SIZE 152

< Table 9 >
Current Performance / Part Bulk

Address	Size	Data	Parameter	Description
(H)	(H)	(H)		
3p 00 00	1	00 - 7F	Bank Select MSB	
	1	00 - 02	Bank Select LSB	
	1	00 - 7F	Program Number	
	1	00 - 0F	ASGN/TG Bank/MonoPoly	
	1	00 - FF	Detune	
	1	00 - 7F	Volume	
	1	00 - 7F	PAN	
	1	00 - 7F	Chorus Send	
	1	00 - 7F	Reverb Send	
	1	00 - 7F	Vibrato Rate	
	1	00 - 7F	Vibrato Depth	
	1	00 - 7F	Vibrato Delay	
	1	00 - 7F	Filter Cut Off Frequency	
	1	00 - 7F	Filter Resonance	
	1	00 - 7F	EG Attack Time	
	1	00 - 7F	EG Decay Time	
	1	00 - 7F	EG Release Time	
	1	00 - 33	INS SW/ARP SW/Portamento Mode/Portamento SW	
	1	00 - 7F	Portament Time	
	1	00 - 7F	Pitch EG Initial Level	
	1	00 - 7F	Pitch EG Attack Time	
	1	00 - 7F	Pitch EG Release Level	
	1	00 - 7F	Pitch EG Release Time	
	1	00 - 7F	TG Program Number	
	74		reserve	
	1	10 - 58	Pitch Bend Upper Depth	
	1	10 - 58	Pitch Bend Lower Depth	
	1	00 - 09	Output Select	
	1	00 - 7F	Layer SW/Rx ON/MIDI Channel	
	1	28 - 58	Transpose	
	1	00 - 7F	Note Limit Low	
	1	00 - 7F	Note Limit High	
	1	01 - 7F	Velocity Limit LOW	
	1	01 - 7F	Velocity Limit HIGH	
	1	00 - 7F	Tx MIDI A ON/Tx MIDI B ON/Master Keyboard Velocity Curve	
	1	00 - 7F	Master Keyboard Velocity Sense Depth	
	1	00 - 7F	Master Keyboard Velocity Sence OFFset	
	1	00 - 7F	Bend Wheel Initial Value	
	1	00 - 7F	Modulation Wheel1 Initial Value	
	1	00 - 7F	CH After Initial Value	
	1	00 - 7F	Modulation Wheel2 Initial Value	
	1	00 - 7F	Foot Controller Initial Value	
	1	00 - 7F	Breath Controller Initial Value	
	1	00 - 7F	Ribbon Controller Initial Value	
	1	00 - 7F	Knob1 Initial Value	
	1	00 - 7F	Init On/Knob2 Initial Value	
	1	00 - 7F	Knob3 Initial Value	
	1	00 - 7F	Knob4 Initial Value	
	1	00 - 7F	Knob5 Initial Value	
	1	00 - 7F	Knob6 Initial Value	
	1	00 - FF	Tx FV/PB/MOD1/CAT/MOD2/FC/BC/RB	
	1	00 - FF	Tx SUS/FS/KN1/KN2/KN3/KN4/KN5/KN6	
	1	00 - 3F	Init Tx CC/Tx Knob/Tx PC/Tx Vol&PAN/Tg CC/Tg Knob	

p = Part No.(0 - F : Part1 - Part16)
NET SIZE 126
GROSS SIZE 144

< Table 10 >
Performance Bulk

Address	Size	Data	Parameter	Description
(H)	(H)	(H)		
11	00	nn		Conforms to <Table8> and <Table9>.

nn = Memory No.(00 - 7F : Performance1 - Performance128)
NET SIZE 2148
GROSS SIZE 2456

< Table 11 >
Current Voice / All Bulk

Address	Size	Data	Parameter	Description
(H)	(H)	(H)		
40 00 00	12		Voice Name	ASCII
	1	00 - 7F	Category	
	1	00 - 7F	Voice Volume	
	1	00 - 80	Drum Layer Count/Layer Flag	
	1	00 - 7F	Velocity Sense Depth	
	1	00 - 7F	Velocity Sense Offset	
	1	00 - 7F	Reverb Send Level	
	1	00 - 7F	Chorus Send Level	
	1	00 - 7F	Reverb Type	
	1	00 - 7F	Reverb Parameter1	
	1	00 - 7F	Reverb Parameter2	
	1	00 - 7F	Reverb Parameter3	
	1	00 - 7F	Reverb Parameter4	
	1	00 - 7F	Reverb Parameter5	
	1	00 - 7F	Reverb Parameter6	
	1	00 - 7F	Reverb Parameter7	
	1	00 - 7F	Reverb Parameter8	
	1	00 - 7F	Reverb Parameter9	
	1	00 - 7F	Reverb Parameter10	
	1	00 - 7F	Reverb Parameter11	
	1	00 - 7F	Reverb Parameter12	
	2	00 00 - FF FF	Reverb Parameter13	
	2	00 00 - FF FF	Reverb Parameter14	
	1	00 - 7F	Reverb Return	
	1	00 - 7F	Reverb PAN	
	1		reserve	
	1	00 - 7F	Chorus Type	
	2	00 00 - FF FF	Chorus Parameter1	
	2	00 00 - FF FF	Chorus Parameter2	
	2	00 00 - FF FF	Chorus Parameter3	
	2	00 00 - FF FF	Chorus Parameter4	
	1	00 - 7F	Chorus Parameter5	
	1	00 - 7F	Chorus Parameter6	
	1	00 - 7F	Chorus Parameter7	
	1	00 - 7F	Chorus Parameter8	
	1	00 - 7F	Chorus Parameter9	
	1	00 - 7F	Chorus Parameter10	
	1	00 - 7F	Chorus Parameter11	
	1	00 - 7F	Chorus Parameter12	
	1	00 - 7F	Chorus Return	
	1	00 - 7F	Chorus PAN	
	1	00 - 7F	Send Chorus to Reverb	
	1	00 - 06	Ins Type/Voice Type	
	1	00 - 7F	Insertion-S Type	
	1	00 - 7F	Insertion-S Parameter1	
	1	00 - 7F	Insertion-S Parameter2	
	1	00 - 7F	Insertion-S Parameter3	
	1	00 - 7F	Insertion-S Parameter4	
	1	00 - 7F	Insertion-S Parameter5	
	1	00 - 7F	Insertion-S Parameter6	
	1	00 - 7F	Insertion-S Parameter7	
	1	00 - 7F	Insertion-S Parameter8	
	1	00 - 7F	Insertion-S Parameter9	
	1	00 - 7F	Insertion-S Parameter10	
	1	00 - 7F	Insertion-S Parameter11	
	1	00 - 7F	Insertion-S Parameter12	
	1	00 - 7F	Insertion-S Parameter13	
	1	00 - 7F	Insertion-S Parameter14	
	1	00 - 7F	Insertion-S Parameter15	
	1	00 - 7F	FDSP PAN	
	1	00 - 7F	Insertion-L Type	
	2	00 00 - FF FF	Insertion-L Parameter1	
	2	00 00 - FF FF	Insertion-L Parameter2	
	2	00 00 - FF FF	Insertion-L Parameter3	
	2	00 00 - FF FF	Insertion-L Parameter4	
	2	00 00 - FF FF	Insertion-L Parameter5	
	2	00 00 - FF FF	Insertion-L Parameter6	
	2	00 00 - FF FF	Insertion-L Parameter7	
	2	00 00 - FF FF	Insertion-L Parameter8	
	2	00 00 - FF FF	Insertion-L Parameter9	
	2	00 00 - FF FF	Insertion-L Parameter10	
	2	00 00 - FF FF	Insertion-L Parameter11	
	2	00 00 - FF FF	Insertion-L Parameter12	
	2	00 00 - FF FF	Insertion-L Parameter13	
	2	00 00 - FF FF	Insertion-L Parameter14	
	2	00 00 - FF FF	Insertion-L Parameter15	
	2	00 00 - FF FF	Insertion-L Parameter16	
	1	00 - 06	Arpeggiater Tempo Control	
	2		reserve	
	1	00 - 7F	Insertion To Reverb Send Level	
	1	00 - 7F	Insertion To Chorus Send Level	
	1	00 - FF	Insertion Large/Insertion Small/FDSP Type	
	20		FDSP Parameter	00 - 7F
	1	00 - FF	Asgn/AN,VL Asgn/AWM Mono/AN,VL Mono/Port Mode/Port SW	
	1	00 - 7F	Portament Time	
	2	00 00 - FF FF	Bend Wheel Assign Switch	
	2	00 00 - FF FF	Modulation Wheel Assign Switch	
	2	00 00 - FF FF	CH After Assign Switch	
	2	00 00 - FF FF	Modulation Wheel 2 Assign Switch	
	2	00 00 - FF FF	Foot Controller Assign Switch	
	2	00 00 - FF FF	Breath Controller Assign Switch	
	2	00 00 - FF FF	Ribbon Controller Assign Switch	
	2	00 00 - FF FF	Knob1 Assign Switch	
	2	00 00 - FF FF	Knob2 Assign Switch	
	2	00 00 - FF FF	Knob3 Assign Switch	
	2	00 00 - FF FF	Knob4 Assign Switch	
	2	00 00 - FF FF	Knob5 Assign Switch	
	2	00 00 - FF FF	Knob6 Assign Switch	
	16		VC1~16 Control Depth	00 - 7F
	16		VC1~16 Destination Assign Number	00 - FF
	16		VC1~16 Dest Assign Elem	00 - 0F
	1	10 - 58	Pitch Bend Upper Depth	

	1	10 - 58	Pitch Bend Lower Depth	
	1	00 - 7F	Knob1Scene1	
	1	00 - 7F	Knob1 Scene2	
	1	00 - 7F	Knob1 Initial	
	1	00 - 7F	Knob2 Scene1	
	1	00 - 7F	Knob2 Scene2	
	1	00 - 7F	Knob2 Initial	
	1	00 - 7F	Knob3 Scene1	
	1	00 - 7F	Knob3 Scene2	
	1	00 - 7F	Knob3 Initial	
	1	00 - 7F	Knob4 Scene1	
	1	00 - 7F	Knob4 Scene2	
	1	00 - 7F	Knob4 Initial	
	1	00 - 7F	Knob5 Scene1	
	1	00 - 7F	Knob5 Scene2	
	1	00 - 7F	Knob5 Initial	
	1	00 - 7F	Knob6 Scene1	
	1	00 - 7F	Knob6 Scene2	
	1	00 - 7F	Knob6 Initial	
	1	00 - FF	Arpeggiater On/Type	
	1	00 - 7F	Arpeggiater Note Limit Low	
	1	00 - 7F	Arpeggiater Note Limit High	
	1	00 - FF	Arpeggiater Tempo	
	132		Element data	Conforms to <Table12>.

Common data size
NET SIZE   236

Element data size (per 1 Element)
NET SIZE   132
Element : Normal voice = 0 - 4, Drum voice = 0 - 128

voice data size
NET SIZE   MAX 764(Normal Voice) , 17132(Drum Voice)
GROSS SIZE MAX 880(Normal Voice) , 19584(Drum Voice)

< Table 12 >

Current Voice / Element Bulk

Address (H)	Size (H)	Data (H)	Parameter	Description
60 ee 00	1	00 - C4	Wave Bank/Element Type	
	1	00 - 7F	Element Volume	
	2	00 00 - 0F FF	Wave Number	
	1	00 - FF	Random PAN/PAN(Random Depth)	
	1	00 - FF	Release Loop/O.S./Revs/Vce/Scaling PAN Depth	
	1	00 - 7F	Tune Fine	
	1	00 - 7F	Tune Coarse	
	1	35 - CB	Detune	
	1	00 - 7F	Note Limit (Low)	
	1	00 - 7F	Note Limit(High)	
	1	00 - 7F	Note Cross Fade	
	1	00 - 7F	Velocity Limit(Low)	
	1	00 - 7F	Velocity Limit(High)	
	1	00 - 7F	Velocity Cross Fade	
	1	00 - 7F	ExpressionLimit Low	
	1	00 - 7F	Key On Delay	
	1	00 - FF	LFO Wave/Frequency	
	1	00 - FF	PMD	
	1	00 - FF	PINV/AMD	
	1	00 - FF	CINV/CMD	
	1	00 - FF	Sync/Delay Vibrato Start Time	
	1	00 - FF	LFO Fade Time	
	1	00 - FE	Freq Random Sense/Freq Vel Sense	
	1	00 - 3F	LFO Freqency	
	1	00 - 1F	Wave Phase/LFO Wave	
	1	00 - 7F	LFO Destination No.	
	1	00 - 7F	LFO Depth	
	1	00 - FF	Sync/Delay Vibrato Start Time	
	1	00 - FF	LFO Fade Time	
	1	00 - FF	Micro Tuning Table No./Pitch Scaling	
	1	00 - 7F	Pitch Scaling Center Note	
	1	00 - FF	Initial Level(cent)	
	1	00 - FF	1st Level(cent)	
	1	00 - FF	2nd Level(cent)	
	1	00 - FF	3rd Level(cent)	
	1	00 - FF	Release1 Level(cent)	
	1	00 - FF	Release2 Level(cent)	
	1	00 - 7F	Pitch EG Depth	
	1	00 - 7F	Hold Time	
	1	00 - 7F	1st Rate	
	1	00 - 7F	2nd Rate	
	1	00 - 7F	3rd Rate	
	1	00 - 7F	Release1 Rate	
	1	00 - 7F	Release2 Rate	
	1	00 - 3E	Loop Segment/PEG Rate Scaling Sense	
	1	00 - FE	Pitch Random Sense/I.Touch->IHR Sense	
	1	00 - EE	I.Touch->1st Rate sense/I.Touch->Other Rates Sense	
	1	00 - 0E	I.Touch->PEG Level Sense	
	1	00 - FF	Initial Level	
	1	00 - FF	EGmode/AR,IHR	
	1	00 - 7F	D1R	
	1	00 - FF	D1L	
	1	00 - 7F	D2R	
	1	00 - FF	D2L	
	1	00 - 7F	D3R	
	1	00 - FF	D3L	
	1	00 - FF	RR1mode/Release Rate	
	1	00 - FF	R1L	
	1	00 - 7F	Release2 Rate	
	1	00 - 7F	Level Scaling Break Point 1	
	1	00 - 7F	Level Scaling Break Point 2	
	1	00 - 7F	Level Scaling Break Point 3	
	1	00 - 7F	Level Scaling Break Point 4	
	1	00 - FF	Level Scaling Offset 1	
	1	00 - FF	Level Scaling Offset 2	
	1	00 - FF	Level Scaling Offset 3	
	1	00 - FF	Level Scaling Offset 4	
	1	00 - 7F	Level Scaling Sense	
	1	00 - 7F	I.Touch Level Sense	
	1	00 - EE	I.Touch->DL Sense/I.Touch->IHR Sense	
	1	00 - EE	Rate Scaling Sense/I.Touch->AR Sense	
	1	00 - EE	I.Touch->D1R Sense/I.Touch->Other Rate Sense	
	1	00 - 5F	Cnct/Q	
	1	00 - FF	FEG Level init	
	1	00 - FF	1st Fc offset	
	1	00 - FF	2nd Fc offs	
	1	00 - FF	3rd Fc offs	
	1	00 - FF	Release1 Fc offs	
	1	00 - FF	Release2 Fc offs	
	1	00 - 7F	FEG Initail Hold Rate	
	1	00 - 7F	FEG 1st Rate	
	1	00 - 7F	FEG 2nd Rate	
	1	00 - 7F	FEG 3rd Rate	
	1	00 - 7F	FEG Release1 Rate	
	1	00 - 7F	FEG Release2 Rate	
	1	00 - 3E	Loop Segment/PEG Rate Scaling Sense	
	1	00 - EE	I.Touch->Q Level Sense/I.Touch->IHR Sense	
	1	00 - EE	I.Touch->1st Rate Sense/I.Touch->Other Rate Sense	
	1	00 - 7F	Q enable/LFO/FEG enable/Filter Type	
	1	00 - FF	Fc	
	1	00 - FF	Gain	
	1	00 - 7F	Filter Scaling Break Point 1	
	1	00 - 7F	Filter Scaling Break Point 2	
	1	00 - 7F	Filter Scaling Break Point 3	
	1	00 - 7F	Filter Scaling Break Point 4	
	1	00 - FF	Filter Scaling Offset 1	
	1	00 - FF	Filter Scaling Offset 2	
	1	00 - FF	Filter Scaling Offset 3	
	1	00 - FF	Filter Scaling Offset 4	
	1	00 - 7F	Fc scaling sense	
	1	00 - EE	I.Touch->Gain Sense/I.Touch->Fc Sense	
	1	00 - FE	Fc Random Sense/I.Touch->FEG Level Sense	
	1	00 - 7F	FEG Depth	
	1	00 - 7F	Q enable/LFO/FEG enable/Filter Type	
	1	00 - FF	Fc	
	1	00 - FF	Gain	
	1	00 - 7F	Filter Scaling Break Point 1	
	1	00 - 7F	Filter Scaling Break Point 2	
	1	00 - 7F	Filter Scaling Break Point 3	
	1	00 - 7F	Filter Scaling Break Point 4	
	1	00 - FF	Filter Scaling Offset 1	
	1	00 - FF	Filter Scaling Offset 2	
	1	00 - FF	Filter Scaling Offset 3	
	1	00 - FF	Filter Scaling Offset 4	
	1	00 - 7F	Fc scaling sense	
	1	00 - EE	I.Touch->Gain Sense/I.Touch->Fc Sense	
	1	00 - FE	Fc Random Sense/I.Touch->FEG Level Sense	
	1	00 - 7F	FEG Depth	
	1	00 - 08	Static Filter Type	
	1	00 - FF	Freq 1	
	1	00 - 7F	Boost/Cut 1	
	1	00 - 1F	Q or Band Width	
	1	00 - EE	I.Touch->Boost or Cut1 Sense/I.Touch->Fc1 Sense	
	1	00 - 77	Boost or Cut Random Sense/Fc Random Sense	
	1	00 - FF	Freq 2	
	1	00 - 7F	Boost/Cut 2	
	1		reserve	
	1	00 - EE	I.Touch->Boost or Cut2 Sense/I.Touch->Fc2 Sense	
	1	00 - 7F	Fc Scaling Sense	
	1	00 - 7F	Gain	
	1	00 - 42	FDSP Sw/Ins Sw	

ee = Element No.(00 - 7F : Element1 - Element128)
NET SIZE   132
GROSS SIZE 152

< Table 13 >

Voice Bulk

Address (H)	Size (H)	Data (H)	Parameter	Description
5b	00	nn		Conforms to <Table11>.

b = Bank No.(1 - 4 : Preset1,Preset2,Intternal1,Internal2)
nn = Memory No.(00 - 7F : Voice1 - Voice128)
NET SIZE   MAX 764(Normal Voice) , 17132(Drum Voice)
GROSS SIZE MAX 880(Normal Voice) , 19584(Drum Voice)
Ignores Preset1/Preset2 reception.

< Table 14 >

Current VL Bulk

Address (H)	Size (H)	Data (H)	Parameter	Description
20	00	00		Conforms to <Table7>.

NET SIZE   1387

< Table 15 >

VL Bulk

Address (H)	Size (H)	Data (H)	Parameter	Description
31	00	nn		Conforms to <Table7>.

nn = Memory No.(00 - 0F : VL257 - VL272)
NET SIZE   1387

< Table 16 >

Remote SW

Address (H)			Size (H)	Data (H)	Parameter	Description
0A	00	00	1	00 - 01	F1	OFF/ON
		01	1	00 - 01	F2	OFF/ON
		02	1	00 - 01	F3	OFF/ON
		03	1	00 - 01	F4	OFF/ON
		04	1	00 - 01	F5	OFF/ON
		05	1	00 - 01	F6	OFF/ON
		06	1	00 - 01	F7	OFF/ON
		07	1	00 - 01	F8	OFF/ON
		08	1	00 - 01	TEN KEY 0	OFF/ON
		09	1	00 - 01	TEN KEY 1	OFF/ON
		0A	1	00 - 01	TEN KEY 2	OFF/ON
		0B	1	00 - 01	TEN KEY 3	OFF/ON
		0C	1	00 - 01	TEN KEY 4	OFF/ON
		0D	1	00 - 01	TEN KEY 5	OFF/ON
		0E	1	00 - 01	TEN KEY 6	OFF/ON
		0F	1	00 - 01	TEN KEY 7	OFF/ON
		10	1	00 - 01	TEN KEY 8	OFF/ON
		11	1	00 - 01	TEN KEY 9	OFF/ON
		12	1	00 - 01	TEN KEY -	OFF/ON
		13	1	00 - 01	ENTER	OFF/ON
		14	1	00 - 01	EXIT	OFF/ON
		15	1	00 - 01	SHIFT	OFF/ON
		16	1	00 - 01	DEC	OFF/ON
		17	1	00 - 01	INC	OFF/ON
		18	1	00 - 01	RIGHT	OFF/ON
		19	1	00 - 01	LEFT	OFF/ON
		1A	1	00 - 01	DOWN	OFF/ON
		1B	1	00 - 01	UP	OFF/ON
		1C	1	00 - 01	DATA/CURSOR	OFF/ON
		1D	1	00 - 01	CANCEL	OFF/ON
		1E	1	00 - 01	SCENE 1	OFF/ON
		1F	1	00 - 01	SCENE 2	OFF/ON
		20	1	00 - 01	VOICE	OFF/ON
		21	1	00 - 01	PERFORMANCE	OFF/ON
		22	1	00 - 01	SONG	OFF/ON
		23	1	00 - 01	PATTERN	OFF/ON
		24	1	00 - 01	SAMPLE	OFF/ON
		25	1	00 - 01	EDIT	OFF/ON
		26	1	00 - 01	JOB	OFF/ON
		27	1	00 - 01	STORE	OFF/ON
		28	1	00 - 01	UTILITY	OFF/ON
		29	1	00 - 01	DISK	OFF/ON
		2A	1	00 - 01	ARPEGGIO	OFF/ON
		2B	1	00 - 01	KNOB MODE	OFF/ON
		2C	1	00 - 01	KEY MAP	OFF/ON
		2D	1	00 - 01	EF BYPASS	OFF/ON
		2E	1	00 - 01	TOP	OFF/ON
		2F	1	00 - 01	REW	OFF/ON
		30	1	00 - 01	FWD	OFF/ON
		31	1	00 - 01	REC	OFF/ON
		32	1	00 - 01	STOP	OFF/ON
		33	1	00 - 01	PLAY	OFF/ON
		34	1	00 - 01	OCTAVE -	OFF/ON
		35	1	00 - 01	OCTAVE +	OFF/ON
		36	1	00 - 01	BANK A	OFF/ON
		37	1	00 - 01	BANK B	OFF/ON
		38	1	00 - 01	BANK C	OFF/ON
		39	1	00 - 01	BANK D	OFF/ON
		3A	1	00 - 01	BANK E	OFF/ON
		3B	1	00 - 01	BANK F	OFF/ON
		3C	1	00 - 01	BANK G	OFF/ON
		3D	1	00 - 01	BANK H	OFF/ON
		3E	1	00 - 01	PROG 1	OFF/ON
		3F	1	00 - 01	PROG 2	OFF/ON
		40	1	00 - 01	PROG 3	OFF/ON
		41	1	00 - 01	PROG 4	OFF/ON
		42	1	00 - 01	PROG 5	OFF/ON
		43	1	00 - 01	PROG 6	OFF/ON
		44	1	00 - 01	PROG 7	OFF/ON
		45	1	00 - 01	PROG 8	OFF/ON
		46	1	00 - 01	PROG 9	OFF/ON
		47	1	00 - 01	PROG 10	OFF/ON
		48	1	00 - 01	PROG 11	OFF/ON
		49	1	00 - 01	PROG 12	OFF/ON
		4A	1	00 - 01	PROG 13	OFF/ON
		4B	1	00 - 01	PROG 14	OFF/ON
		4C	1	00 - 01	PROG 15	OFF/ON
		4D	1	00 - 01	PROG 16	OFF/ON

Addresses, LSB=34 and the highers values are available only with EX5 and EX5R.

YAMAHA [Music Synthesizer - synth. part] Date :13-JAN-1998
Model EX5/7/5R MIDI Implementation Chart Version : 1.0

Function...		Transmitted	Recognized	Remarks
Basic Channel	Default	1 - 16	1 - 16	Memorised
	Changed	1 - 16	1 - 16	
Mode	Default	3	1	Memorised
	Messages	×	1 - 4(m=1) *2	
	Altered	**************	×	
Note Number :		0 - 127	0 - 127	Transpose
	True voice	**************	0 - 127	
Velocity	Note ON	○ 9nH,v=1-127	○ v=1-127	
	Note OFF	× 9nH,v=0	×	
After Touch	Key's	×	○ *1	
	Ch's	○	○ *1	
Pitch Bend		○	○ 0-24 semi *1	
Control Change	0,32	○	○ *1	Bank Select
	1,7,11,64,65	○	○ *1	
	5,10,66,67	×	○ *1	
	6,38	×	○ *1	Data Entry
	0-95	○	○ *1	Assignable Cntrl
	71-74	×	○ *1	Sound Controller
	84	×	○ *1	Portamento Cntrl
	91,93,94	×	○ *1	Effect SendLevel
	96,97	×	○ *1	Data Inc,Dec
	98,99	×	×	NRPN LSB,MSB
	100,101	×	○ *1	RPN LSB,MSB
	120	×	○ *1	All Sound Off
	121	×	○ *1	Reset All Cntrls
Prog Change		○ 0 - 127	○ 0 - 127 *1	
	: True #	**************	0 - 127	
System Exclusive		○	○	
Common	: Song Pos.	×	×	
	: Song Sel.	×	×	
	: Tune	×	×	
System Real Time	: Clock	×	×	
	: Commands	×	×	
Aux Mes- sages	: Local ON/OFF	×	×	
	: All Notes OFF	×	○(123-127) *1	
	: Active Sense	o	○	
	: Reset	×	×	

Notes: *1 receive if switch is on.
*2 m is always treated as "1" regardless of its value.

Mode 1 : OMNI ON , POLY Mode 2 : OMNI ON ,MONO ○ : Yes
Mode 3 : OMNI OFF, POLY Mode 4 : OMNI OFF,MONO × : No

YAMAHA [Music Synthesizer --- seq. part] Date :13-JAN-1998
Model EX5/7/5R MIDI Implementation Chart Version : 1.0

Function...		Transmitted	Recognized	Remarks
Basic Channel	Default Changed	1 - 16 ×	1 - 16 ×	Memorised
Mode	Default Messages Altered	× × **************	× × ×	
Note Number : True voice		0 - 127 *1 **************	0 - 127 *2	
Velocity	Note ON Note OFF	○ 9nH,v=1-127 × 9nH,v=0	○ v=1-127 ×	
After Touch	Key's Ch's	○ *1 ○ *1	○ *2 ○ *2	
Pitch Bend		○ *1	○ *2	
Control Change	0-121	○ *1	○ *2	
Prog Change : True #		○ 0 - 127 *1 **************	○ 0 - 127 *2	
System Exclusive		○ *1	○ *2	
Common	: Song Pos. : Song Sel. : Tune	○ *4 × ×	○ *5 × ×	
System Real Time	: Clock : Commands	○ *4 ○ *4	○ *3 ○ *5	
Aux Mes- sages	: Local ON/OFF : All Notes OFF : Active Sense : Reset	○ × ○ ×	○ × × ×	
Notes:	*1 receive if filter out is pass. *2 receive if filter in is pass. *3 if MIDI sync is midi *4 if MIDI control out is on *5 if MIDI control in is on			

Mode 1 : OMNI ON , POLY Mode 2 : OMNI ON ,MONO ○ : Yes
Mode 3 : OMNI OFF, POLY Mode 4 : OMNI OFF,MONO × : No

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